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For Retailer, Wholesaler and Manufacturer

FEBRUARY 4 1961

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PIRITON MALEATE 2 mg. (chlorpheniramine malcate B.P.C.)

PHENYLEPHRINE HYDROCHLORIDE B.P. 10 mg.

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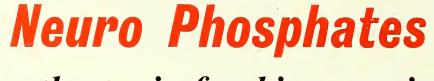
[PART I SCHEDULE 7 (I)]

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Formula: Each adult dose (two teaspoonfuls) contains:
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Sodium glycerophosphate 2 grains (129.4 mg.)
Strychnine glycerophosphate 1/64 grain (1.1 mg.)

Smith Kline & French Laboratories Ltd

Welwyn Garden City, Herts

Volumo 175

FEBRUARY 4, 1961

No. 4225

Oxygen and Equipment statement by ministry of health

AFTER consultations with representatives of the medical and pharmaceutical professions about difficulties over handling oxygen cylinders supplied under the National Health Service pharmaceutical services the following statement has been issued by the Ministry of Health for the attention of general practitioners and chemist contractors in the National Health Service.

In future, against orders for 120 cu. ft, cylinders, which give rise to serious handling difficulties, chemist contractors should supply the gas in 48 cu. ft. cylinders, unless the general practitioner has endorsed the prescription to indicate that the 120 cu. ft. size is required for a patient to refill portable oxygen cylinders supplied through the hospital service. Where the chemist supplies 48 cu. ft. cylinders against an order for a 120 cu. ft. he should endorse the prescription with the number of cylinders supplied. An amendment of the Drug Tariff is being included in the January Quarterly List of Amendments.

The attention of chemist contractors is drawn to ECN 331 about the firm list of contractors able and willing to provide a full oxygen service, which is being sent by Executive Councils to all general practitioners and to all chemist contractors. Chemists who are not on the Executive Council's list should refer orders for oxygen or equipment to regular oxygen stockists and suppliers on the Council's list. Chemists should not request the manufacturing companies supplying oxygen to deliver equipment or cylinders at patients' homes, otherwise than in the most exceptional circumstances.

Influenza Epidemic

WORST IN MIDLANDS

A WAVE of influenza, apparently of the Asian type, is spreading across the Midlands and north-west England. First reports of local outbreaks came from the west Midlands, including Birmingham, before Christmas 1960. The disease has since spread to Lancashire, the north Midlands and the West Riding of Yorkshire. The Ministry of Health states that, as yet, there is no sign of influenza spreading on any scale to other parts of the country. In a number of cases in the Midlands a virus of the Asian type has been isolated, "This virus usually results in a mild form of influenza unless complications set in," state the Ministry. According to Dr. G. E. Welch (deputy medical officer of health, Leeds), influenza has reached the epidemic stage. The situation in Nottingham is reported

to be "very serious." A claims official said "We are dealing with over 10,000 claims, but there must be many more who have not contacted us. The position is almost as bad as during the Asian influenza epidemic." At Boots Pure Drug Co., Ltd., about 1,000 of the firm's 10,000 workers reported sick. The matron of the city's General Hospital said that there it was a case of "nurses nursing nurses." In Derby there were warnings that, if the epidemic became worse, it would seriously interfere with bus services. Huddersfield's transport position was also "getting worse."

Prescription Levy: 2s.

OTHER CHARGES ALSO INCREASED

THE charge to patients for N.H.S. prescriptions is being doubled (1s. to 2s.) on March 1. Prices of welfare foods (orange juice, vitamin tablets, cod-liver oil) are being fixed at levels to cover their cost to the Government. Dental and optical charges are also being increased and charges for hospital amenity beds doubled. The National Health Service contribution to National Insurance is being increased by one shilling per person (employee tenpence; employer twopence).

Agricultural Chemicals

SAFETY RECOMMENDATIONS FOR ETHION

ETHION should be included in the Agricultural (Poisonous Substances) Regulations as a Second Schedule Part III substance state the Ministry of Agriculture in recently published recommendations for its safe use in agriculture and horticulture. When the Regulations have been amended accordingly, operators will be required to wear a face-shield and rubber gloves when opening a container, or diluting, mixing or transferring ethion from one container to another. Protective clothing will not otherwise be required for outdoor operators when using the diluted material. The Ministry state that apple and pear trees may be given up to two applications each at 8 oz. (16 fl. oz. of a 50 per cent, proprietary formulation) per 100 gall, high volume

application; if applied by medium or low volume sprays the quantity of active ingredient used per acre should not exceed that which would have been applied by the high volume method. There is insufficient information to enable recommendations to be made on the safe use of the compound on other edible crops. There should be a minimum interval of four weeks between the last application and harvesting of edible crops. The use of ethion is acceptable on non-edible crops. Other recommendations are that animals and poultry should be kept away from sprayed areas for at least three weeks; that care should be taken not to contaminate neighbouring crops, etc., and that containers should be tightly closed and stored away from children, live-stock and food, and used containers disposed of safely. Ethion is the com-mon name for tetraethyl SS-methylene bis (phosphorothiolothionate) and is to be marketed by May & Baker, Ltd., Daggenham. Essex, as a 50 per cent. w/v solution under the trade mark Embathion. It is a contact, non-sys-temic, specific acaricide with long persistence, effective in the control of the red spider.

Franco-British Congress

MAY MEETING IN JERSEY

PROVISIONAL reservations are being made for the Franco-British Pharmaceutical Congress to be held in Jersey, Channel Islands, May 12–15. Jersey pharmacists are organising the programme, and the subject for discussion at the Saturday session is "The Future



MEDICAL MEN AT A FACTORY: A doctor takes a closer look at the method of capping a bottle. The occasion was a visit by a party of medical practitioners to the factory of Vitamins, Ltd., Crawley, Sussex.

of the Chemist's Shop." Mr. A. Aldington (a member of the Society's Council) is to be the British rapporteur. The congress will follow the usual lines, and there will be the customary social events. During the week-end the Congress will be received by the States of Jerscy and the Connétable of St. Helier. The British party will fly from Gatwick at midday on Friday and return about the same time on the Monday. The cost, including all travel, hotel, excursion and other expenses is to be £20 per head. Requests for application forms should be made to the Secretary, Franco-British Pharmaceutical Commission. 17 Bloomsbury Square, London, W.C.1.

Causes of Death

STATISTICAL REVIEW FOR 1959

ACCORDING Registrarto the General's Statistical Review, 1959, Part I, Medical Tables (H.M. Stationery Office, price 20s.) the total number of all deaths registered in 1959 was 527,651. Compared with 1958, the combined rate for both sexes was higher in the one to twenty-four age groups but the same or lower in the age groups twenty-five or over. The stillbirth and infant mortality rates were the lowest ever recorded in Eng-land and Wales. Since 1949 the infant mortality rate has declined for boys from thirty-six to twenty-five and for girls from twenty-eight to twenty. Deaths assigned to cancer in 1959 numbered 97,117, an increase of 1,313 over the 1958 figures, and represented 18 per cent, of all deaths. The number of deaths from lung cancer continued to increase. There were 21,063 deaths in 1959, an increase of 1,243, Nearly a fifth (8,708) of all female deaths from cancer were assigned to cancer of the There were 148 more deaths from leukæmia and aleukæmia (2,534) compared with 1958. The total number of deaths from tuberculosis (all forms) was 3,854 (2,810 male and 1,044 female). Compared with 1958, this was a decline of 2 per 100,000 population for males and of 1 per 100,000 for females. Deaths from acute poliomyelitis declined to the low figure of 66, the lowest number since separate records began in 1911. There were more deaths (11 male and 5 female) in the age-group 25-29 than in any other age-group. There were no deaths from diphtheria in 1959. There were only 25 deaths from whooping cough, all of children under 5. The one death from scarlet fever was of a baby under one year of age. There were 25 deaths assigned to tetanus (20 in 1958) and there were no deaths from smallpox. Deaths from influenza totalled 7,862 in 1959, compared with 2,401 in 1958 and 6,716 in 1957 (when there was an Asian influenza epidemic). Deaths from pneumonia (excluding pneumonia of the newborn) totalled 26,590. Deaths from coronary disease numbered 52,193 for males and 32,729 for females, an increase over the 1958 figure of 108 and 773. The Review states that 19 per cent. of all male deaths are due to coronary disease and over 12 per cent. of all female deaths over 12 per cent, of all female deaths. Deaths from nephritis and nephrosis

in 1959 totalled 3,685; deaths assigned to these causes have steadily declined and are now about 44 per cent, less than in 1949. Fatal non-transport accidents again increased, from 10,405 in 1958 to 10,479 in 1959 while accidents in the home or in residential institutions caused 7,010 deaths, which represents two-thirds of the deaths due to non-transport accidents. Motor vehicle traffic accidents caused the deaths of 5,952 persons (4,345 males and 1,607 females), an increase of 11 per cent. over the 1958 figures.

Cancer Research

AN EXPERIMENT IN GUERNSEY

A LARGE-SCALE cancer research experiment has been launched in Guernsey. The test has been organised by the Imperial Cancer Research Fund and is to continue for several years. About 5,000 women between the ages of thirty-five and fifty-five will be required for the trials, which are aimed at combating cancer of the breast. Guernsey was chosen because of the compactness of the community, and the fact that people are not constantly leaving the area. It has been thought for some time that unbalanced hormone production might play some part in the atiology of human breast cancer but, as yet, no direct evidence for the theory has been forthcoming. Recently, how-ever, an abnormality in hormone excretion has been detected in some early cases of breast cancer by research workers at Guy's Hospital. It is hoped to find out whether the hormonal irregularities are caused by the cancer itself or whether they precede the clinical manifestations of the disease and are causally connected.

Fact-finding Mission

BRITISH BUSINESSMEN FOR EUROPE

FACT-FINDING missions composed of leading businessmen and industrialists drawn from thirty members of the Export Council for Europe are to be sent to Europe to confer and work in close co-operation with the commercial representatives of the British Government, British trading interests, existing importers of British goods and all other appropriate bodies. Nine teams of three men will leave during February to visit Britain's six partners in the European Free Trade Association (Austria, Denmark, Norway, Portugal, Sweden, Switzerland) and also France, Italy and Spain, The remaining ten countries covered by the Council will be visited by similar sized missions in May and June.

Export Credits

1960 A RECORD YEAR FOR E.C.G.D.

DURING 1960 the Export Credits Guarantee Department insured more export business than ever before under its "commercial" insurance scheme, a total of £694'5 millions. Although the shipments declared for export in the last quarter of the year were £5 millions less than in the corresponding period in 1959, the year's figures showed an 8'8 per cent. increase over the previous year's £638'2 millions.

Co-op Pharmacy Sales

OCTOBER FIGURES SHOW A RISE

INCREASES in the sales of 155 representative Co-operative societies' pharmacies in Great Britain for the four weeks ending October 29, 1960, compared with the same period in 1959 were as follows: Midland, 10-29 per cent.; Northern, 3-68 per cent.; Northeast, 8-38 per cent.; North-west, 8-22 per cent.; Scottish, 3-86 per cent.; Southern, 5-73 per cent.; South-west, 14-14 per cent.; The average increase for the whole of Great Britain was 7-05 per cent.

Cosmetics Congress, 1962

INTERNATIONAL FEDERATION TO MEET

THE second Congress of the International Federation of Societies of Cosmetic Chemists is being organised by the Society of Cosmetic Chemists of Great Britain. It will take place in London, July 2-5, 1962, and will comprise two themes: "Biological aspects" and "Physical chemistry." Anyone wishing to submit a paper describing original work is requested to contact the hon. organiser, A. Herzka, B.Sc., A.R.I.C., c/o Pressurized Packaging Consultants, Ltd., Ashbourne House, Alberon Gardens, London, N.W.11.

Colonial Developments

U.K. GRANTS DURING 1960

GRANTS and loans approved under the Colonial Development and Welfare Act during 1960 amounted to £40.61 millions, including £2.81 millions for research. Money made available during the year for schemes to benefit Britain's oversea territories included £2,770,221 for medical and health services.

OVERSEAS NEWS

UNITED STATES

A "Brainwashing" Drug

A DRUG that makes people "accept without question" ideas, suggestions and instructions, given by others is being developed at the University of California medical centre, according to a recent report from the United States. The compound, tricyanoaminopropane, is stated to be inexpensive and easily manufactured. The report says that, by adding the drug to water supplies, whole populations could be "brainwashed" in days, or even hours, and could convert a country into a police State by making the population amenable to all kinds of legislation. The effect of the drug is, apparently, to modify the chemical structure of ribonucleic acid in nerve cells, with corresponding changes in human suggestibility and acceptance. Further tests are still being carried out on animals.

The Taste of Water

STUDIES are being carried out at the Franklin Institute, Philadelphia, to determine adequate standards for testing taste and odour in public water supplies. The investigators will consider the highly complex problem of what is a "bad" taste or odour and how it can be measured. The laboratory programme is part of an overall

effort by the water pollution committee of the Manufacturing Chemists' Association to accumulate information for the public, the chemical industry, and governmental regulatory bodies, various aspects of the problem will be considered. Chemical, biological, psychological and physiological panels, composed of persons of various ages, smoking habits and medical histories will be used to determine the effect of various types and intensity of odours. According to the institute, the first aim is to find some reproducible method for measuring the intensity of an odour. Later, institute researchers will attempt to create a system for characterising—or labelling—odours, so that all scientists working in the field will have some common terms of reference.

NEWS IN BRIEF

In his report for the third quarter of 1960, the Birmingham City analyst reports that of ninety-nine samples of drugs analysed during the period, five were found to be incorrect.

THE Trade Marks (Amendment) Rules, 1961 (H.M. Stationery Office, price threepence), became effective on January 28. The rules increase the fees for trade mark applications, registrations and renewals.

SUCCESSFUL Pharmaceutical Chemistry II candidates in the January 1960 Pharmaceutical Chemist Qualifying examination Part II were:—Breithaupt, W., Liverpool; CARRICK, J., Sunderland; MARSHALL, Kathleen, Sunderland; PATEL, Subhash R., Sunderland.

NURSES and midwives employed in hospitals and by local authorities in the National Health Service are to receive a salary increase of 5 per cent., backdated to December 1, 1960, under an agreement reached by the Nurses and Midwives' Whitley Council. The last increase was on March 1, 1959.

THE National Health Service (Functions of Regional Hospital Boards) (Scotland) Amendment Regulations, 1961, raise from £30,000 to £60,000 the limit on a building or civil engineering project or scheme that a Regional Hospital Board may undertake without the consent of the Secretary of State.

THE General Post Office has announced the introduction of a new service known as "recorded delivery." For a payment of sixpence the sender of an inland postal packet will be given a receipt on posting. For another sixpence he will be able to get confirmation of delivery.

Householders in Worcester may soon have printed on their rate demands the times of "out of hours" opening of chemist shops in the city. That is one suggestion to be investigated by the city's Executive Council to ease the waiting time for medicines. Another is that the rota system should be advertised in local papers.

A SPATE of vandalism is troubling shopkeepers in Lupus Street, London, S.W.I. In a recent window-smashing orgy, youths wrecked two plate-glass windows at the pharmacy of F. A. M. Pearson. M.P.S., 105 Lupus Street. It is the fourth time the chemist's windows have been broken in the last nine months.

TOPICAL REFLECTIONS

By Xrayser

Medical progress

Evening meetings at Edinburgh continue to provide material of the standard one has come to associate with the Pharmaceutical Society in Scotland, and the publication in one issue (pp. 88-90) of reports of the first two meetings of the present session serves only to emphasise the fact. Professor G. L. Montgomery (professor of pathology, Edinburgh University), in tracing the history of medicine leading to the use of science in the perpetual struggle against disease, referred to the theory of Hippocrates that disease was due to natural and not to supernatural causes, and said that to the teaching of Hippocrates was due the emergence from myth and magic. While that is true, it took many centuries for the dictum of Hippocrates to become acceptable, particularly in regard to treatment. As late as the nineteenth century in this country, animal sacrifice was still practised in the hope of placating the "evil spirits" responsible for epilepsy and unsound mind. It is perhaps natural that mental illness should have proved to be the most difficult to surmount but, in the other address reported, Dr. H. E. Seiler (medical officer of health of the City of Edinburgh) was able to say that greater knowledge had resulted in gradual recognition that mental disorder was not of supernatural or unnatural origin but something as matter-of-fact as physical illness. The primitive animal instinct to abhor abnormality in appearance and behaviour, observable in wild life, has proved a citadel of tremendous strength in man also, and the battle is not yet completely won.

Tribute to pharmacy

Dr. Seiler, in his address at Edinburgh, paid tribute to the part played by pharmaceutical science in the war against disease, particularly in preventive medicine. His generous recognition of the part the pharmacist can play in public-health education is worthy of consideration, and the time may come when the potentialities of the pharmacist in that particular field will be fostered by Government and local authority, for many opportunities, as the speaker indicated, arise in the course of the everyday contact with the public. The speaker's reference to dental care as a health problem of first importance, and one which the pharmacist could help to solve, would be made considerably easier by a more scientific approach to the marketing of tooth-pastes than has been exhibited of late by the manufacturers. It is not easy to discuss questions of dental hygiene in a bargain-sale atmosphere. Another important matter raised by Dr. Seiler was that there was a pressing need for effective powers to control the premature release of new drugs to the public before their safety had been established by adequate research. Various factors militate against that sensible precaution—the desire to make ever more rapid progress, and the battle for commercial supremacy. Altogether, the address of Dr. Seiler was a most valuable and thoughtful contribution.

Branch representatives

Your editorial survey of resolutions for the Pharmaceutical Society's Branch Representatives' meeting on May 18 (pp. 85-86) assesses their purpose fairly. It is possible to read into one or two of them something of the feeling that was displayed at the same meeting last year, at which those attending left the platform in no doubt as to their frustration over the "apparent lack of consideration shown by the Council for resolutions considered, discussed and passed by Branch Representatives' meetings," as one of this year's resolutions puts it. One imagines that, in view of the temper of the meeting last May, and considering the tone of the resolutions bearing on the matter, the complacency displayed in the Council report last year will not again be in evidence. If it is, I fancy that the platform's annual complaint of apathy on the part of members in general might recoil. Branch Representatives are busy, as well as conscientious. men and women. They do not intentionally give up their time and energy in purposeless pursuits, and can reasonably require the Council to display a more serious approach to resolutions.

COMPTROLLER AND CHEMISTS' REMUNERATION

No more than fair and reasonable?

DURING 1957 chemists might have received higher remuneration than had been indicated by the Ministry of Health estimates, declares Sir Edmund Compton (Comptroller and Auditor-General) in a report on the Civil Appropriation Accounts (classes I-V) 1959–60 (H.M. Stationery Office, price 19s. 6d.). The total remuneration paid to chemists in England and Wales in 1959 by way of dispensing fees and oncost was £24.8 millions for 214 million prescriptions, with a net ingredient cost of £46.7 millions (an average of 4s. 4½d. per prescription) against a total remuneration in 1956 of £22.2 millions for 229 million prescriptions, with an ingredient cost of £33.2 millions (an average of 2s. 11d. per prescription); other allowances, mainly to provide reimbursement of expenditure on containers, brought those figures to £26.5 millions and £23.9 millions respec-tively." Sir Edmund reports "In view of the substantial increase in remuneration arising from the increase in ingredient costs, attracting oncost of 25 per cent., I asked the Ministry whether they had any evidence that the present remuneration of chemists was no more than fair and reasonable.

Report on 1957

The Ministry explained that they had examined the remuneration in the light of estimates of changes in chemists' expenses since the 1954 inquiry. Those estimates could only be approximate, as they necessarily assumed that the pattern of expenses was the same as in 1954, and that general price changes were applicable to the expenses of chemists. The Ministry had not, however, suggested that remuneration had been more than fair and reasonable. The recent report by the accountants, which related broadly to the year ended December 1957, suggested, prima facie, that "in that year expenses may not have been as high as the Ministry's earlier estimates had suggested, and chemists may have received higher remuneration than had been indicated by those estimates. The report has still to be examined, and the results of the latest inquiry adjusted to produce figures applicable to a current date.

Results were not available of the joint survey instituted by the Department of Health for Scotland and the Pharmaceutical General Council (Scotland). designed to show changes in chemists' profits compared with those of the year following the last settlement, as a guide to the desirability of a full-scale inquiry. The Department had informed the Comptroller that calculations comparing the annual payments to chemists with their expenses as ascertained at the last investigation of costs, and adjusted in accordance with indices of national trends in salaries and general expenses, did not suggest that chemists were being paid more than the Department regarded as fair and reasonable. But that information could only give an indication of the position and was not as reliable as that which was to be obtained from the remuneration survey.

Sir Edmund refers to purchases by chemists of drugs at less than Drug Tariff prices, and the investigation which resulted in reductions in the Drug Tariff. He reports: "The Ministry have inquired into the prices paid by a representative selection of chemists in England and Wales for some 930 unbranded standard drugs, accounting for the bulk of the National Health Service prescription costs on this category, in the period of fifteen months from February 1959. It has been estimated that the prices paid by chemists (excluding the two largest multiple firms) for these drugs in the first twelve months of the inquiry period were in total £241,000 less than the Drug Tariff value, £2,771,000, of the purchases (which included those for private sale). The chemists cooperated in the inquiry on the understanding that no general adjustment of Drug Tariff rates would be made until the results for a full twelve months were available, but the Ministry reserved the right to make interim adjustments to the rates for individual drugs where these were clearly indi-cated. Rates for forty-one drugs were adjusted in February and March 1960, after examination of the results of the first six months of the inquiry period, the saving being estimated at £86,000 per annum. Adjusted rates for twentysix drugs, based on the results of the first nine months of the period, and estimated to save another £20,000 per annum, were proposed in June 1960. Before these adjustments had been agreed the detailed analysis of the information for a full twelve months became available and the chemists, in August 1960, were asked to discuss with the Ministry at an early date what action should be taken overall. In the meantime, Tariff rates for the twentysix drugs have not been reduced.'

At Full List Prices

A further inquiry in December 1958 and at the end of 1959, covering fortyfive manufacturers, supplying some 95 per cent. by value of proprietary pre-parations used in National Health Service dispensing, showed that the "great majority of purchases were made at the full list prices which form the basis of the Drug Tariff, but sub-stantial discounts were given on large orders and the Ministry intend to discuss that question with the chemists." Dealing with the system of remunera-tion Sir Edmund refers to the Public Accounts Committee of session 1955-56 when it was recommended that consideration should be given to the introduction of a system of remuneration for chemists which related payment to the number of prescriptions dispensed, in order that remuneration considered fair and just for the smaller chemists should not be given to the larger chemists with apparently lower average costs. Sir Edmund adds: "The Ministry of Health have informed me that chemists in England and Wales have not been generally in favour of a system of differential remuneration or of differential Drug Tariff rates; the latter subject is, however, to be discussed with the chemists, and the Ministry intend to re-examine the question of differential remuneration.

Concerning the pharmaceutical services in general Sir Edmund reports that the cost of the pharmaceutical services increased further in 1959. The number of prescriptions dispensed rose from 224 millions in 1958 to 236 millions in 1959, their total cost rose from some £73 millions to £81 millions, and the average cost per prescription increased by some 5 per cent., from 6s, 6½d, to 6s, 10¾d.

Proportion of Proprietaries

Sample analyses made by the Departments indicated a further slight increase in the proportion of prescriptions for proprietary preparations, both as regards numbers and cost of ingredients. The percentage of prescriptions rose from 51 to 53 per cent, in England and Wales and from 55 to 57 per cent, in Scotland, and the percentage of ingredient cost rose from 72 to 74 per cent, in England and Wales and from 73 to 74 per cent. in Scotland, representing expenditure of £40 millions in 1959–60 against £34½ million in 1958–59.

The average cost of prescriptions per person on doctors' lists showed wide variations. In England and Wales in 1959 they ranged from 333·54d, to 635·22d, for county boroughs and from 279·70d, to 662·07d, for counties. One reason for the wide variation in the cost figures was that they related to the areas where the prescriptions were dispensed, and many prescriptions were dispensed outside the area of the Executive Council with which the doctor was in contact, i.e., the area where the patient lived. In Scotland the 1959 average area cost ranged from 297·75d, to 560d. It was believed that the introduction of full pricing of prescriptions would facilitate the production of improved statistics.

The appropriation accounts show the following figures concerning the cost of the pharmaceutical services in England, Wales and Scotland.

	England £'000	Wales £'000	Scotland £'000
Original estimate Supplementary .	55.876 5,312	4,297 372	7.233 245
Total	61,188	4.669	7,478
Aetual expenditure	60.114*	4,645	7.504
Saving on estimates Underestimated	1,074	24	26

*The report states "the number of prescriptions that became due for payment in the last three months of the year was less than expected,"

IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

FOLLOWING a question by WING COMMANDER E. E. BULLUS, MISS M. PIKE (Assistant Postmaster-General) in a written reply on January 25 stated that the G.P.O. would begin the new recorded delivery service on February 1. A fee of sixpence an item would be payable in addition to the ordinary postage. The service would provide a cheaper alternative to the inland registration service, where it was more important to prove delivery than to secure compensation in case of loss.

Hospital Building Programme

LORD BALNIEL asked the Minister of Health to make a further statement about the Government's hospital building programme. Mr. E. Powell (Minister of Health) in a written reply on January 25, indicated that he had recently asked hospital boards to submit by May 31 their proposals for work to be started by 1970-71. The provi-sional figure for hospital capital expen-diture in 1962-63, subject to the economic situation and the voting by Parliament of the necessary money, was £36 millions compared with £31 millions for 1961-62. Regional Hospital Boards had been given tentative planning limits based on an expenditure rising to about 250 millions by 1965-66. Mr. Powell referred to the new scheme "Building Notes" (see C. & D., January 28, p. 74) and then stated he had asked a number of hospital boards to complete the planning of a number of additional major schemes including six new hospitals and the development or modernisation of twenty-three existing hospitals. A similar reply was given in the House of Lords by LORD NEWTON to LORD JESSEL.

Anti-Dumping Duties

MR. A. F. HOLT asked the President of the Board of Trade what steps were taken by his department to ensure that money was not wasted on the cost of investigations into applications for anti-dumping duties. MR. R. MAUDLING (President, Board of Trade), in a written reply on January 25, stated investigations were made only when a prima facie case had been established.

Prescribing Unbranded Equivalents

MR. C. OSBORNE was informed by MR. POWELL in a written reply on January 30 that doctors had been asked to order a branded drug only where they were convinced of its superiority, and to give preference to simple and less expensive drugs of equivalent effect.

"Services of the Crown"

MR. Snow asked the Minister of Health by what authority his Department classified hospital management committees who were purchasers in bulk of drugs as departments of the Crown, thus enabling them to take advantage of Section 46 of the Patents Act, 1949. MR. POWELL in a written reply on January 30 stated he was advised that the services provided by hospital management committees under Section 3 of the National Health Ser-

vice Act, 1946, were "services of the Crown" within the meaning of Section 46 of the Patents Act, 1949.

Live Poliomyelitis Virus Vaccine

MR. POWELL informed LORD BALNIEL in a written reply on January 30 that he hoped before long to be able to make a statement about the use of live poliomyelitis virus vaccine in the immunisation programme and in the face of an epidemic.

Prescription Costs

MR. POWELL informed LORD BALNIEL on January 30 that the average cost of a prescription in October, 1960, for England and Wales was approximately 7s. $3\frac{1}{2}$ d. of which 4s. 9d, was the net ingredient cost. The corresponding figures for 1954–59 were:

October	Total cost	NET INGREDIENT
		COST
	s. d.	s. d.
1954	$4 2\frac{1}{2}$	2 6
1955	4 5½	2 7
1956	4 11½	2 11
1957	5 8	$3 5\frac{1}{2}$
1958	$6 5\frac{1}{2}$	4 1
1959	$6\ 10^{\frac{1}{2}}$	4 5

N.H.S. and Prescription Costs

MR. A. WOODBURN was informed by MR. POWELL, in a written reply on January 31, that the following details show 1959-60 expenditure on the National Health Service in Great Britain as a percentage of expenditure in 1950-51, after adjustment for the change in the Price Index of Consumers' Expenditure from 1950 to 1959.

Gross cost of National Health Scrvice
(excluding local health authority ser-

vices) 124
Gross cost of prescriptions dispensed in the year 148

Weights and Measures Bill

The Weights and Measures Bill was considered in the House of Lords on January 26. Reviewing the composition of the proposed Commission, VISCOUNT STONEHAVEN said he hoped the Commission would be encouraged to search for other industries such as the pharmaceutical industry, in which it would be advantageous to adopt the metric system. LORD ST. OSWALD stated there was nothing in the Bill to prevent any section of industry and commerce changing over to the metric system at any time. But the Government considered that any compulsory changeover should be done only as a general plan or, at any rate, should be the subject of general legislation. The problems in connection with the change-over from the apothecaries' system to the metric system in the dispensing of drugs were not dealt with in the Bill as at present drafted. had been envisaged that they would be dealt with by separate legislation.
"The General Medical Council are. however, anxious to change over to the metric system in parts of the next edition of the British Pharmacopæia, which is due to be published in 1963. The measures necessary to deal with this situation are now under urgent consideration by the Board of Trade and the Health Departments. The Government hope that they will be able to introduce proposals for dealing with this situation within the frame-work of the present Bill during its passage through another place." When moving an amendment aimed at "deceptive containers or wrappers," LORD SHEPHERD, referring to previous debates, stated he did not wish his case to be based "purely on cosmetics." were many containers on the market which were grossly misleading, both in size and shape. LORD ST. OSWALD alluded to his experiences when "discovering some of the tricks which the housewife allows to be played upon her and which some grocers and packers are willing to play." He said that it appeared to him some housewives insisted on being fooled in many instances, and the amendment would, in fact, prejudice perfectly fair packers who wish to advertise their wares with legitimate but unorthodox packing. He suggested that it was jumping to conclusions to assume that because a packet was not filled to brim when purchased it was clear evidence that the packer had attempted to deceive the consumer. There were a number of cases where the contents would shake down and consolidate. Sometimes the packer intentionally and necessarily allowed some air space at the top of the container because the contents were liable to swell owing to changes in humidity and temperature, or because it helped to prevent spilling when the container was opened. Referring to the jar of face cream which had been exhibited (see C. & D., December 17, 1960, p. 748) Lord St. Oswald said. "The p. 748), Lord St. Oswald said, "The container was one commonly used in the cosmetic trade, constructed with two separate skins designed to prevent any seepage through the thin plastic inner wall, and also to avoid loss of contents if the outer wall was accidently broken. We should regard that as legitimate packing if it were proved that that was the purpose . . . there are certain goods where the containers are made with considerable care and cost so as to be attractive, for example, on a lady's dressing table." However, in view of previous debates the Government were preparing an amendment to the Bill which would control a large range of cosmetics and tooth-paste, requiring them "to be marked with their contents. LORD HAWKE considered the amend-

LORD HAWKE considered the amendment was too wide and suggested the Government should consider a general provision making it an offence to pack in such a container as to grossly deceive the consumer as to its contents by weight or number. LORD DERWENT, supporting Lord Hawke's suggestion, said, "All your Lordships with wives or girl friends know that when one buys a bottle of scent . . . there is a very large package, and that . . . there is only a little bottle inside . . . that

is quite deliberate. The man . . . prefers it like that, because it looks more expensive than it really is. It is partly done, of course, for safe packaging, but it is not only that; it is really done for appearance. It is given to the girl, who of course knows (or who soon knows when she has opened it) that there is only a small bottle inside. But she prefers the present that way because it looks better when she is given it and she can pretend it is more expensive. . . That package is undoubtedly misleading. . . but, evidently, it is what some people want."

Resale Price Maintenance

MRS. P. McLaughlin asked the President of the Board of Trade on January 26, what response he had obtained from retail associations regarding the questionnaire he sent out on Resale Price Maintenance, MR. REGI-NALD MAUDLING (President of the Board of Trade), stated nearly 2,000 replies had been received. The inquiry was continuing but he had no statement to make at present. Mrs. McLaughlin said that since only 2,000 replies had been received from the 5,000 inquiries, would the President pursue the matter further, and ask a wider number of retailers for their opinion before making a decision. Mr. MAUDLING thought that the 2,000 replies was a good aver-Mrs. McLaughlin then asked what steps were to be taken to find out public opinion on Resale Price Maintenance. Mr. MAUDLING replied "I am keeping the interests of the consumer public well in mind during the inquiry. Among other steps, I have considered a social survey of consumers' views, but I do not think this would yield the information we need. MRS. McLaughlin understood that the Consumers' Advisory Council was willing to undertake a survey. It was imperative that the individual's views and interests in this matter should be thoroughly considered. Mr. MAUDLING agreed and was sure that the consumers would be well represented in the House when the matter was discussed.

NHS Drugs for Private Patients

During the discussion on January 26, concerning the business of the House for the following week, Mr. M. LIPTON asked Mr. R. A. BUTLER (Home Secretary), if he would find time, "despite the unwillingness of its many signatories to press the matter," to deal with the Motion on the Order Paper dealing with free drugs for private patients? Mr. R. A. BUTLER (Secretary of State, Home Department) replied "We have had a certain amount of consideration of this matter . . . no doubt we shall have to consider this matter again."

Consumer Protection Bill

MR. R. EDWARDS moved the second reading of the Consumer Protection Bill on January 27. He said that the Bill was based on the First Report of the Molony Committee, dealing with consumer goods that might cause personal injury. MRS. MCLAUGHLIN said there were many acts, but there were still far too many gaps in what could be done, particularly concerning household goods "... things like bleach

and disinfectant and things in general They are labelled ' poison. usually the label is nothing like as effective as it ought to be. If a product is merely labelled 'dangerous' or 'poisonous' it prevents many people buying it instead of making them conscious that it should be treated with the respect which it deserves and used only in the way recommended." did not consider it would be enough to leave the problems to the local authorities, some of whom were more active than others. She continued, "One thing we might possibly do would be to set up some sort of standing committee which would have representatives from many bodies such as the Royal Society for the Prevention of Accidents, the Fire Protection Association, possibly even the Pharmaceutical Society. I do not know whether that would be to take the matter too wide, but there are many things, such as bleaches and disinfectants, which are of interest to chemists as well as to ordinary retail grocers. The Home Secretary could set up such an advisory council and ask bodies such as the Consumer Advisory Council to join in."

MR. JOHN WELLS mentioned the problems of toxic and corrosive substances and sought an assurance if any Orders were made under the Bill the interests of the farming community would be safeguarded. He said, "This is very important, because farmers have to handle many dangerous substances. They are extremely careful and they do their best, but, inevitably, little bits of this get put into bottles originally intended for that. The farmer, his family, his shepherd, and his work-people who deal with these substances are fully aware of the risk. They know that a bottle which bears the label "orange squash" contains sheep-dip and they are not unreaers blue scales. and they are not unreasonably careless. I hope, therefore, that the serious interests of the farming community will be in no way jeopardised by the Bill when it becomes an Act." MRS. H. SLATER said it was important that all goods should be sufficiently and clearly labelled and made a special point about the labelling of drugs. "I know that to some extent that will be covered by regulations dealing with poisons. This week in Stoke-on-Trent the coroner had to call particular attention to a box of drugs issued by a chemist. It was not sufficiently labelled and, as a result, a fatal accident occurred. should take every precaution over this danger, because more and more dan-gerous drugs are coming on to the market and people do not understand how dangerous they are. More care needs to be taken about the testing of dangerous drugs before they are put on the market. Advertising is so intense and widespread that many drugs are marketed before they have been adequately tested. The Home Office should look at this matter. Such drugs are made popular for all kinds of things, from slimming to making people sleep better or feel more energetic. Only after accidents have occurred or people have become drug addicts through taking such drugs do we sit up and take notice. This is an important Bill in so far as it protects consumers from the hazards which may confront them.

DR. ALAN GLYN believed that the existing legislation concerning medical goods and drugs did protect the consumer, but one of the difficulties was that it was not until a drug had actually gone on to the market that one realised its effect. Interrupting, Mr. F. Noel-Baker said the point about drugs was a matter on which the Minister of Health was receiving representations at the present time and asked Dr. Glyn if he would agree there was much to be said for restricting all new products on sale for prescription only for a trial period until their full effects on the patients were known, and for not allowing the sale of many drugs till they had completed a trial period. DR. GLYN could not go all the way with Mr. Noel-Baker adding "It would mean that every time one had a new combination of, say, A.P.C. or some very elementary product which is really not a poison at all, we should have to have prescription—for six months, before it could be sold over the counter. There is a number of ordinary household drugs used by mothers in the home which really do not require a trial period." However, he did consider that if the drugs had anything in them of a "questionable nature" he thought the Ministry should act through the "Drugs Act rather than through this Rill" through this Bill.

MR. GEORGE DARLING pointed out with the Weights and Measures Bill "a good deal of legislation will be coming along," and unless arrange-ments were made for the proper administration of the legislation, the whole business would be confused and unbalanced. Mr. A. P. Costain hoped that when the Bill was approved some consideration would be given to the question of safety containers. He had received many letters about the dangers of children taking poison. Most of them had not referred to the sort of substances normally recorded poisons but to ordinary household articles as small as aspirins. The accidents occurred because things were in containers which children could open. There were now produced various types of containers known as Kiddiproof, which could not be opened by young

children.

BUSINESS CHANGES

DAVID KENNEDY (CHEMIST), LTD., have acquired the business of the late George Cairns, chemist, 12 Sandbed, Hawick, Scotland, and are carrying on the business in addition to their present pharmacy at 37 High Street.

Appointments

J. C. ARNFIELD & SONS; LTD., Brinksway Road, Stockport, have appointed Mr. W. E. Needham their manager.

BAYER PRODUCTS, Division of Winthrop Group, Ltd., Surbiton-on-Thames, Surrey, have appointed Mr. B. Hardisty, M.P.S., sales promotion manager. Mr. Hardisty's successor as publicity manager is Mr. Martin Sterne.

PFIZER LTD., Sandwich, Kent, have appointed Mr. Norman Heaton company secretary to all companies within the group. Prior to the appointment,

Mr. Heaton was secretary and sales manager of Kemball, Bishop & Co.,

COMPANY NEWS

Last year's figures in parentheses

BORAX HOLDINGS, LTD. — A final dividend of $8\frac{1}{2}$ per cent, on the Deferred Ordinary Capital makes $11\frac{1}{2}$ per cent. for the year ended September 30, 1960 (against 10 per cent.). The interim dividend was paid on £9 millions-prior to the Hardman & Holden, Ltd., acquisition. After depreciation of £2,041,461 (£1,991,756), group trading profits and other income increased further from £3,660,445 to £4,361,470. The 1958 figure was £1,778,977. profit rose from £2,344,040 £2.867,236. Record sales and earnings have already been announced by the American operating company, United States Borax and Chemical Corporation for 1959-60 (C. & D., January 7, p. 8).

HOWARDS & SONS, LTD., and LAPORTE INDUSTRIES, LTD. — Laporte Industries, Ltd., has offered to acquire the whole of the issued share capital of Howards & Sons, Ltd. The offer is nine Laporte Ordinary shares plus 15s, cash for every two Howards Ordinary and for every 100 5½ per cent. Howards Cumulative Preference shares of £1, 105 Laporte 5½ per cent. Cumulative Second Preference shares of £1 each. The directors of Howards have agreed to recommend acceptance of the offers by their shareholders, and intend to accept in respect of their own shareholdings. The directors of Laporte have stated that the goodwill attaching to the business of Howards will be maintained in every possible way and that the in-terests of their staff and employees will be fully safeguarded.

DISTILLERS CO., LTD. and BRITISH XYLONITE CO., LTD. — The Distillers Co., Ltd., has made an offer worth £12.7 millions for the Preference and Ordinary capital of British Xylon-ite Co., Ltd. Ordinary holders will be offered five Distillers 10s. Ordinary for every two £1 units. The terms are based on a directors' estimate of British The terms are Xylonite net profits for 1960 as being 28 per cent. higher at £600,000. Holders of British Xylonite's 5 per cent. Cumulative Preference will be offered a straight exchange into Distillers 5\frac{1}{2} per cent. unsecured loan stock. The directors of British Xylonite mean to accept them and recommend other holders to do likewise.

BIRTHS

GUTKIND .-- On January 13 to Mr. and Mrs. Fernand A. Gutkind (F. Gutkind & Co., Ltd.), 53 Tudor Close, Belsize Avenue, London, N.W.3, a second son (Charles William).

MARRIAGES

CRAW - WATERSTON.-At Ibrox Church, Glasgow, on January 14, George Ruthven Craw, M.P.S., 195 Copland Road, Ibrox, Glasgow, to Aileen McLeod Smith Waterston, East

YOUNG — OSMOND. — At St. George's Church, Oakdale, Poole, Dorset, on January 28, Phillip Young, M.P.S., 21 Sunny Bank Avenue, Thornbury, Bradford, to Marianne Patricia Osmond, Poole.

DEATHS

BERENS. — On January 30, Mr. Herbert Arthur Berens, B.A., aged seventy - one.

Mr. Berens, who was formerly a director of Biddle, Sawyer & Co., Ltd., 2 Fitzroy Street, London, W.1, travelled exten-W.1, sively for the company. also contributed a number of articles to THE CHEMIST AND DRUGGIST, including "Across



the World in Wartime" (C, & D., January 16, 1943, p. 68) and "A Survey of Duboisias" (C, & D., June 6, 1953, p. 593).

Dr. B. P. Wiesner writes: - I first met Bertie Berens, as he was affectionately known to his numerous friends, during the time of the Spanish Civil War. Sympathisers of the Government cause had collected a fund to provide urgently needed medical supplies for the Government forces, then illprovided with the barest necessities for either combat or aid to the wounded. We were asked to purchase in this country equipment and supplies for advanced dressing stations, anæsthetics and other basic necessities required by the understaffed and overworked sur-gical teams attached to the Government forces. I shall never forget the zest and the devoted thoroughness with which Bertie organised the selection and dispatch of the equipment, ranging from sterilisers to whole trucks which were to serve as ambulances, using his knowledge and contacts to obtain the best goods for the purpose. When, some years later, another storm broke, and streams of refugees from racial and political persecution by the Hitler regime reached these shores, Bertie was among the first to render the kind of assistance that proved in the long run to be the most satisfactory and successful—by providing openings for the social and economic rehabilitation of the refugees for whom he found openings on his own staff and on that of other organisations, Directly and indirectly he was the source from which much aid flowed and to which many owed the recovery of their selfrespect. He was a man to whom the much abused epithet "cultured" could justly be applied. His knowledge was immense. It was not limited to the field that he made so particularly and successfully his own: he took a lively interest in, and was thoroughly informed about, the social problems of our time. He was a lifelong adherent and staunch advocate of certain social reform movements but he was always prepared to discuss the foundations of his opinions, and none of his beliefs and convictions were dogmatically held. His family background was illuminated by a broad humanism, and his conviction that intelligent persuasion would eradicate the source of much human misery was not surren-dered even during the last decades, when the hurricane of political events tore confidence out of many a staunch

DAVID.—Suddenly, on January 24, Mr. Idris Morgan David, M.P.S., 14 York Place, Barry, Glam. Mr. David qualified in 1914.

FULTON. - Suddenly, on January 23, Mr. Andrew Fulton, M.P.S., 25 Farnham Avenue, Hassocks, Sussex. Mr. Fulton, who at one time lived in Glasgow, qualified in 1933.

SHAW.—On January 29, Mr. Henry Clement Shaw, M.P.S., Field House, Walton, Stone,

aged Staffs, sixty-nine. Mr. Shaw was member of the Council of the Pharma-ceutical Society from 1939 to 1951 and he served as the Society's treasurer from 1943 until 1947, was 1947 – 48 and vice-president in



president, 1948-50. Mr. Shaw, who was apprenticed with Thompson & Capper. Huddersfield, in 1908, qualified in 1913. He gained further experience in Wolverhampton and Sheffield, then served in the 1914-18 war. After the war he entered into partnership with Mr. T. C. Cornwell, Piccadilly, Hanley, Staffs, and took over the 100-year-old business in 1922. He was an active member of the North Staffs Branch and was its chairman in 1931-32.

Mr. T. Heseltine writes:—Henry Clement Shaw, "Clem" Shaw to his many friends in pharmacy, will always be remembered as a kindly, generous man—a man of foresight and energy, qualities which endeared him to all those with whom he came into contact and qualities which he put into practice as vice-president, president and treasurer of our Society. I had the honour of serving with him as a member of Council and am happy to be able to testify to his ability and to his continued efforts on behealf of pharmacy and his fellow pharmacists. It would be true to say that it was largely due to his foresight that Birdsgrove House came into existence as a convalescent home for the Society's members - a fact which every member of Council recognised. On his retirement, he was invited to remain a member of the Birdsgrove House Committee, and he has served in that capacity for the past ten years. He was always on hand with valuable advice and practical help. As chairman of that committee I would like to feel that his many friends will dedicate themselves to the continued improvement of the house and its facilities and thus make Birdsgrove House a fitting memorial to Mr. Shaw's mem-

NEW PRODUCTS

A New Teething Preparation. — Sole distributors of Dentinox, a new teething preparation claimed to relieve teething pains and inflammation quickly and safely, are Dendron Distributors. Ltd., 94 Rickmansworth Road, Watford, Herts. The product, a liquid rub, is issued in cartoned bottles in display outer of twelve.

Half-volume Vaccines.—Parke, Davis & Co., Ltd.. Staines Road, Hounslow, Middlesex, announce the availability of half-volume packs of two of the company's range of vaccine products: diphtheria pertussis prophylactic and tetanus toxoid. Each half-volume dose (0.5 mil) possesses the antigenic potency of the former 1-mil dose. Existing packs of the vaccines may be supplied on specific demand until stocks are exhausted.

A Long-acting Variant. — Merrell-National (Laboratories), Ltd., 20 Savile Row, London, W.I, announce the availability of Merbentyl Dospan, a new, long-acting form of Merbentyl. Each tablet contains 60 mgm. of dicyclomine hydrochloride, B.P.C., in a hydrophilic base, claimed to ensure even release over a ten-hour period independent of gastrointestinal motility and ph. The pack is a bottle of thirty.

"First Effective Antiviral Drug." -As the result of work carried out by the research department of A/B Kabi, Stockholm, Sweden, a compound is available that is claimed effective for the treatment and prophylaxis of influenza and other upper respiratory tract infections. The compound, N¹, N¹-anhydrobis-(B-hydroxethyl) biguanide hydrochloride (ABOB), combined with atropine methonitrate and scopolamine methonitrate, is claimed "the first effective antiviral drug." It is available in packs of twenty-four and sixty under the name of Flumidin from Antigen, Ltd., Roscrea, co. Tipperary, Eire

Higher Potency, Lower Price. — Glaxo Laboratories, Ltd., Greenford, Middlesex, announce the introduction on February 6 of a new corticosteroid, Betnelan (betamethasone)-16β-methyl- 9α -fluoro-prednisolone. The manufacturers state that Betnelan has a higher potency and a greater anti-inflammatory effect than existing steroids, enabling the compound to be prescribed in smaller doses and with less risk of side effects. Tests indicate that the compound is devoid of salt-retention activity, has a negligible effect on potassium balance, and causes no mental depression or muscle weakening. The product is being offered, moreover, at a lower price, dose-for-dose than any existing cortisone derivative. The manufacturing process makes use of Commonwealth-produced hecogenin as starting material. The packs are bottles of thirty, 100 and 500 tablets.

An Oral Contraceptive. — G. D. Searle & Co., Ltd., High Wycombe, Bucks, announce the availability of a new product, Conovid brand norethynodrel and ethinyloestradiol 3-methyl ether, presented as 10-mgm. tablets. The tablets are designed to imitate the inhibition of ovulation produced in nature by the production of ovarian hormones by the corpus luteum of

pregnancy. From a series of progestational steroids tested in man, norethynodrel was chosen as the most suitable. In addition to progestational activity, it has an intrinsic oestrogenic action that is useful in this context, and which is enhanced by the addition of further oestrogen in the tablet. Norethynodrel is understood to be free from androgenic activity. The 20-tablet pack is sufficient for a one-month course of treatment. Supplies are being sent out to wholesalers. Information is being circulated to doctors and pharmacists.

A New Contraceptive.—W. J. Rendell, Ltd., Hitchin, Herts, have added to their range of chemical contraceptives a new product similar in appear-



ance and application to the Rendell pessary, but non-greasy in use, forming an odourless creamy emulsion in contact with the vaginal secretions. The pessary is claimed not to cause irritation, produce side effects, or disturb the most sensitive mucous membrane. Nor has it any unpleasant drying action. Subjected to the "Baker" test at a London Teaching Hospital, Genexol passed at S/32. It has also passed the test required and carried out by the International Planned Parenthood Federation. The pack is a box of twelve cones.

TRADE NOTES

Discontinued. — Laboratories for Applied Biology, Ltd., 91 Amhurst Park, London, N.16, announce that, from February 1, they are discontinuing the 4-oz. pack of Labiton.

Redesigned Pack and Showstand. — Cupal, Ltd., Blackburn, Lancs, have redesigned the pack and showstand for their Diamond corn solvent, and invite chemists to send for full details and sample.

Tablets Replace Capsules. — The Crookes Laboratories, Ltd., Park Royal, London, N.W.10, point out that Crolax capsules have been discontinued. The preparation is now being issued as sugar-coated tablets in packs of thirty and 250.

Free Car for a Distributor.—W. & F. Walker, Ltd., Kirkby, Liverpool, are presenting a 1961 Sunbeam Rapier car to the distributor who, in an entry form on the company's bonus order form, places seven Rotosan slogans in the winning order of merit, as decided by a panel of judges.

The influenza epidemic now being experienced in some parts of the country and expected to spread to others, is

likely to cause a sudden increase in the demand for clinical thermometers. G. H. Zeal, Ltd., Lombard Road, London, S.W.19, announce that they have ample stocks and that supplies may be obtained promptly through the usual trade channels.

Sole Distributors.—The nutrition department of Wilts United Dairies, Ltd., have been appointed sole distributors in the United Kingdom for the Lactobacillus acidophilus preparation produced by the biologicals division of Aplin & Barrett, Ltd. Orders and inquiries for the preparation—marketed as Enpac and Uniflor—should be sent to the division. Address: Trowbridge, Wilts.

Re-entering the British Market.—Eversharp-Schick injector razors are to re-enter the British market after having been absent from it since before the 1939-45 war. The marketing and distribution of the razors and blades has been placed in the hands of J. C. Gambles & Co., Ltd., 209 Blackfriars Road, London, S.E.I, who will be the distributing agents for the United Kingdom. Marketing and advertising plans are to be the subject of a further announcement to the trade.

An Integrated Marketing Plan. A new marketing plan for integrating the products of Aspro-Nicholas and Griffiths Hughes under a single sales force came into operation on January 30. Heading the Nicholas United Kingdom operation as general manager is Mr. Robin Rigby, who states that, of the total of 150 representatives, 124 have been divided into three operative groups. A general products sales force of eighty-nine will allow for more frequent calls on the chemist; a special merchandising force of thirty-one will be employed solely to help the retailer with any stock movement problems in the new range; and a team of four toplevel executives will arrange special promotions with supermarkets, chains and buying groups. Better terms for the companies' main branded goods are now in force. Aspro, Rennies, Radox, Lifeguard disinfectant, and Dip as well as the other lines in the range may now be purchased collectively at special discount terms starting at $7\frac{1}{2}$ per cent., against the previous 5 per cent.

Bonus Offers

BENGUE & Co., LTD., Mount Pleasant, Wembley, Middlesex. Bengue's balsam. Fourteen to doz. on order for one of two bonus parcels containing either seven small (original formula) and seven small new greaseless and stainless and one display outer; or seven large of each, one display outer and one showcard. Until March 4.

DENDRON DISTRIBUTORS, LTD., 94 Rickmansworth Road, Watford, Herts. Dentinox soothing rub for teething babies. Twelve invoiced as eleven. Until March 31.

ROBERTS CHEMISTS (BOND STREET), LTD., 76 New Bond Street, London, W.I. Kisby dry shampoo powder. Thirteen to doz. on initial order of 2 doz. or more.

SPA BRUSHES, LTD., Freeman Works, Chesham, Bucks. Three medium tooth-

brushes (nylon or bristle) free with every dozen assorted ordered.

VITAMINS, LTD., Upper Mall, London, W.6, Bemax, Bonus amounting to about one-twelfth the quantity terms on order for one of five standard parcels.

Exhibitions and Fairs

LABORATORY APPARATUS AND MATE-RIALS EXHIBITION, Royal Horticultural Society's new hall, Westminster, London, S.W.1, from June 19-22, 1961. Organisers: UTP Exhibitions, Ltd., 9 Gough Square, London, E.C.4.

NATIONAL PHARMACY EXHIBITION, May 16–18. The venue has been changed to Russell Hotel, Russell Square, London, W.C.2 (in close prox-imity to the Victoria Halls, Bloomsbury Square, where the Branch Representatives' meetings of the Pharmaceutical Society are being held on May 18.

SELF-SERVICE AND SHOP EQUIPMENT EXHIBITION is to be known as the Self-servcie, Shop Equipment, Display and Vending Exhibition, and is being held at Olympia, London, W.14, May 15-19. The scope of the exhibition, as indicated by the change of title, is being extended to include display and automatic vending equipment. Exhibition organisers: Uniequipment. Exhibition organisers: Universal Exhibitions, Ltd., 74 Holland Park, London, W.11.

SECOND STAGE IN A DEVELOPMENT PROJECT

New offices, laboratories and canteen at Plaistow







OPENED by the mayor of West Ham on January 19, a new building erected at Plaistow, London, E.13, for Jeyes Sanitary Compounds Co., Ltd., represents the second stage of a "period of vigorous and intensive development announced in September 1959 on the occasion of the opening of a new warehouse for the company at Barking, Essex. Since then new and enlarged research facilities have been provided at Barking and production has been considerably reorganised at all three works of the company so as to give greater output and efficiency. Transport and delivery services have also been arranged and improved.

Constructional Features

The new offices, canteen and laboratories provide first-class working conditions. The building stands on the site of houses bombed during the 1939-45 war, and provides about 7,200 sq. ft. of floor space. Its reinforced concrete construction is mounted on piling that extends down to between 25 and 30 ft. The building has been designed to be able to take a third floor and to be extended to up to twice its present length if required. Features of the building include the heating and air conditioning units fitted in each room in a type of installation understood to have been used so far in only one other building in the London area. The units permit individual control for each room in addition to thermostatic control under the general heating system. The units link with the general heating system in winter, and incorporate a refrigeration system to cool



Left of the three illustrations above : A test being carried out in the bacteriological laboratory, Centre: A view of the main laboratory. Right: A test of paper strength.

At left: Exterior of

the new building, which

comprises works can-teen, administration

offices and laboratories.

the circulating air in hot weather. Double glazing throughout helps to cut down external noise, makes heating more economical, and assists the general air and temperature condition-Suspended acoustic ceilings absorb internal noise and assist in thermal insulation. An attractive effect in the entrance hall and on the first floor results from the use of circular sky-lights; were the building to be extended to a second floor, the entrance hall would be extended upwards in its present form. Demountable steel partitions to all offices ensure flexibility in future expansions.

The canteen kitchen incorporates a steriliser wash-up unit with two sinks, one heated to scalding point by a 3kilowatt heater. Crockery washed in the first sink is put into racks in which it is dipped into the scalding water, ensuring sterilisation. The crockery dries without wiping.

The name of Jeyes has been associated with the locality for nearly 100 years. John Jeyes, who invented and patented Jeyes' fluid in 1866, lived at Richmond House, a Queen Anne house, in whose outbuildings the products of the early Jeyes' Sanitary Compounds Company were made. The products of the present company have been manufactured on the site for over seventyfive years. On part of the site now occupied by the company's factory stood a former hunting lodge of the Duke of Richmond.

teen,

Richmond House was for many years the home of the company's works manager, Mr. J. Tertius Smith, who retired in 1927, has recorded that it had a handsome staircase, porticos and wrought-iron gates, all of which were subsequently taken to America.

After the opening the building was made open to view by the shareholders, clients and guests present.

PHYSICAL SOCIETY'S EXHIBITION 1961

New scientific instruments

THE object—to reveal new ideas, principles and inventions, and subsequently to demonstrate their realisation in the form of tangible and usable equipment -was achieved at the exhibition of the Physical Society and the Institute of Physics held in London for one week from January 16.

A range of vacuum-cell photometers

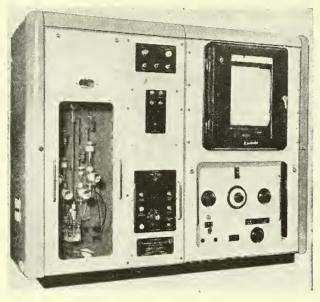
was displayed by BALDWIN INDUSTRIAL CONTROLS, Dartford, Kent.

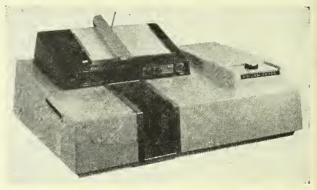
BAIRD & TATLOCK (LONDON), LTD., 14 St. Cross Street, London, E.C.1, exhibits included a mercury piston

of titrations in aqueous, non-aqueous or organic media with strong or weak concentrations. Another feature was a compact transistorised conductivity test set for de-ionised water suitable for resistance measurements of up to 10 megohms or 0.1 micro-ohm in terms of conductivity.

DORAN INSTRUMENTS Co., LTD., Parklands, Stroud, Glos, displayed a precision electrometer potentiometer combining the functions of a precision pH meter, reading directly in pH units and my, with manual and automatic tem-

distillation apparatus with refrigeration unit. The apparatus automatically records correction temperature, initial boiling point and time taken to reach it, vapour temperature against the volume recovery curve, time from initial boiling to final heat adjustment, final boiling temperature and time taken to reach it and total percentage volume recovered. The refrigeration unit cools the condenser tank for the distillation of highly volatile fractions. Another instrument on show was the Gallenkamp flame photometer which was of





The Unicam SP.200 economy infra-red spectrophotometer is designed essentially for routine analysis (Unichem Instruments, Ltd., Cambridge).

The entire analytical procedure is completely automatic with the B.T.L. Cambridge, Analmatic polarograph (Baird & Tatlock (London), Ltd., Chadwell Heath, Essex).

nitrometer of semi-automatic design and the Analmatic polarograph, a versatile instrument for the complete automatic monitoring of processes, ex-amination of effluents and similar "onstream" analysis by repetitive polarographic measurements.

The exhibit of R. & J. BECK, LTD., 69 Mortimer Street, London, W.1, included an Optomax microscope with photoelectric exposure meter. Once photoelectric exposure meter. calibrated, exposures for any photo-micrograph can be read directly from

the meter.

CAMBRIDGE INSTRUMENT Co., LTD., 13 Grosvenor Place, London, S.W.1, demonstrated the dye-dilution curve recorder mark II used for detecting and diagnosing defects of the heart, and for determining its output. A small amount of dye is injected into the venous circulation, and its concentration at some point in the arterial circulation is recorded. The shape of the concentration curve reveals any abnormality occurring between the injection site and the sampling point.

Ultrasonic cleaning equipment was demonstrated by DAWE INSTRUMENTS, LTD.. Great West Road, Brentford, Middlesex, one small, fully transistorised model type 1141 incorporated a three-pint cleaning tank in one compact unit with the generator, was suitable for liquid temperatures up to 93° C., and was suitable for a wide variety

perature compensation, and a d.c. potentiometer. A polarised electrode autotitrator developed for simplicity of measurement for both manual and automatically controlled titrations.

A wide range of Speedivac vapour pumps was to be seen on the stand of EDWARDS HIGH VACUUM, LTD., Craw-

ley, Sussex.

A redesigned portable pH meter was one of the items on the stand of ELEC-TRONIC INSTRUMENTS, LTD., Richmond,

Surrey.

A range of electrophoresis adaptors and units was shown by EVANS ELECTROSELENIUM, LTD., Colchester Road, Halstead, Essex. The company also demonstrated the Eel prothrombin meter designed to measure automatically the clotting time of plasma samples either by Quick's one-stage technique, Owren's P and P method or by the more recently introduced thrombotest. It operates on the principle of the photo-electric absorptiometer and provides a means of detecting the end point of clotting without the errors inherent in a visual assessment.

A. GALLENKAMP & Co., LTD., Sun Street, London, E.C.2, demonstrated a manipulator glove box designed for handling certain radioactive materials safely and conveniently, and in a controlled atmosphere at pressures other than atmospheric. The same company also exhibited an automatic standard an improved design and intended primarily for routine testing in clinical laboratories.

The principle of operation of the Konitest dust meter, JAMES GORDON & Co., LTD., Dalston Gardens, Stanmore, Middlesex, is that when a dust particle rubs against a surface it takes a static charge, whilst the surface against which it rubs takes an equal but opposite charge. If therefore moving dust particles are in continuous contact with an insulated surface which is connected to earth via a milliwatt meter the latter



Flame photometer (A. Gallenkamp & Co., Ltd., Sun Street, London, E.C.2). Designed primarily for routine testing in clinical laboratories.



The Konitest dust meter which may, it required, be connected to a recording unit (James Gordon & Co., Ltd., Stanmore, Middlesex).

shows a current which varies in relation to the amount of dust. As long as the dust particles remain small and their total amount within certain limits the relationship between current created and dust quantity is a direct one and

therefore an indicating scale or chart can be calibrated in dust loading.

A high-speed chromatograph developed for rapid chemical analysis of gases and vapours, which displays the result on a cathode-ray tube was shown by GRIFFIN & GEORGE, LTD., Alperton, Wembley, Middlesex. The apparatus was expected to have particular application in gas stream analysis and monitoring since an investigation can be completed in as little as thirty seconds. Also on display was the Griffin oscillating hotplate which simultaneously heats and agitates liquids. Suggested applications in pharmaceutical laboratories were in creatinine, alkaloid and acid value determinations.

Electronics Applied to Balances

Among balances on show at the stand of L. OERTLING, LTD., Cray Valley Works, Orpington, Kent, were two instruments which illustrated the application of electronics to high precision weighing. Model FO5 was modified to operate on a force-balance system and the beam position was monitored by a photo cell. Response time was in the order of milliseconds. Additions to the range of one-pan instruments included rapidly operated balances with vernier readings, and two new twin-pan balances designed for routine determination of moisture content. In addition the company exhibited a new series of adjustable analytical weights in nonmagnetic stainless steel alloy.

R. B. PULLIN & Co., LTD., Phoenix Works, Great West Road, Brentford, Middlesex, displayed an industrial thermometer manufactured by their associate company. MEASURING INSTRU-MENTS (PULLIN), LTD. Known as the Thermeter, the instrument is a new surface temperature thermometer which will give a rapid reading on any sur-

face, liquid or gas.

D. SHACKMAN & SONS, 4 Golden Square, London, W.1, demonstrated a range of automatic cameras for instrument, document and oscilloscope recording.

The ability to detect trace components present at less than one part per million was claimed of the Pye process analyser, W. G. Pye & Co., Ltd., Cambridge. The analyser can be "tailored to suit the requirements of a particular analysis or control problem."

The use of a vibrating, thin-walled, stainless-steel cylinder to measure the density of liquids was demonstrated by the Transducer Division of SOLARTRON Hants. At present the apparatus works to an accuracy of about 1 per cent. (although expected to admit of considerable improvement) and is regarded as suitable for rapid routine, remote and mass flow measurement of samples.

W. F. STANLEY & Co., LTD., New Eltham, London, S.E.9, exhibited the Stanley photoelectric polarimeter. The sensitivity of the instrument was stated to be considerably higher than the usual visual type and it does not require a dark room. Readings are independent of visual judgment and under optimal conditions can be made to

within 0.001 degree.

W. WATSON & SONS, LTD., exhibited a range of microscopes for applications in science and industry.

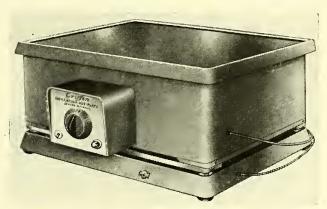
WRAY (OPTICAL WORKS), LTD., Ashgrove Road, Bromley, Kent, showed the Rayner-Wray beam focusing camera designed "for people who wish to make quick and accurate pictorial records but do not wish to become involved in the technicalities of photo-

worked in the technicalities of photo-graphy."
W. VINTEN, LTD., 715 North Circular Road, London, N.W.2, exhibited a range of cine cameras, including a high-speed camera with a range of speeds from 100-250 pictures per

second.

The RESEARCH DEPARTMENT ANÆSTHETICS, ROYAL COLLEGE OF SUR-GEONS, showed a gas chromatograph designed for the routine analysis of the

Griffin oscillating hotplate for simultaneous heating and agitation of liquids. (Griffin & George (Sales), Ltd., Alperton, Wembley. Middlesex.)



A range of precision balances was to be seen on the stand of STANTON IN-STRUMENTS, LTD., 119A Oxford Street,

London, W.1.

The introduction by TAYLOR, TAYLOR & Hobson, Stoughton Street, Leicester, of a new series of enlarging lenses, Ental II, was noted. The range of eight lenses covered focal lengths from 2 in, to 12½ in, all of them designed separately, employing new lanthanum rare earth glasses. All the lenses were fully colour corrected and incorporated a feature giving a constantly illuminated exposure factor scale irrespective of the aperture setting.

THE TECHNE (CAMBRIDGE), LTD., Dux-Cambridge, exhibits included prototypes — a recording viscothree prototypes meter, a gelation timer, and a thermostat for an oil- or water-bath, equipped with a centrifugal pump and an auto-

matic boost heater.

A demonstration of the use of the Lovibond Schofield tintometer for col-

our measurement was given by The TINTOMETER, LTD., Salisbury.

J. W. Towers & Co., LTD., Victoria House, Widnes, Lancs, demonstrated their automatic fraction collector, a spiral fraction collector in which collection takes place directly into tubes fixed to a spirally rotated plate.

Two new models, to meet the need for Warburg apparatus adapted to photosynthesis techniques and for use below ambient temperatures were shown by Townson & Mercer, Ltd., Croy-

don, Surrey.

For routine analysis, UNICAM INSTRU-MENTS, LTD., Arbury Works. Cam-bridge, showed the S.P.200 infra-red spectrophotometer.

gas and vapour mixtures encountered during anæsthesia, together with a servo-operated pump which could be adjusted to simulate a patient's breathing. It was designed for use in laboratories concerned with the testing of breathing equipment.

EXPANSION PLANS

A NEW branch of Boots, Ltd., costing £132,000, is to be opened at the Broadway development, Bradford, in April. The new building will be four times bigger than the Kirkgate branch which it replaces.

PROCTER & GAMBLE, U.S.A., are forming a new overseas company in Chile, under the name of Procter and Gamble (Chile) SAI. The new subsidiary will enter an arrangement with Perlina SAI, Vina Del Mar, Chile, for the manufacture and sale of soaps and synthetic detergents in Chile.

WORK is now well advanced on another large building at the Cambridge Instrument Co.'s factory in Chesterton Road, Cambridge. The new building, which will be similar in appearance and joined at one end to the company's new research laboratories, will consist primarily of two floors. The top floor will house testing, assembly and wiring departments, and the first floor will be devoted to enlarged production space for the company's Microscan x-ray analyser and to works offices. The building, which is expected to be ready for occupation in July, adds 16,000 sq. ft. of floor space to the 20,000 sq. ft. provided by the research laboratories, which were opened by Lord Adrian in October 1959.

Correspondence

Stolen Cameras

SIR,—The premises of J. C. Arnfield & Sons, Ltd., Brinksway Road, Stockport, Ches, were broken into on January 26 and photographic material and cameras were stolen. The following is a list of the cameras and projectors: Agfa Ambi Silette 35-mm. (lens No. 220770, body No. K75499); Agfa Isola 2, 2\frac{1}{3} in. sq. body No. K75499); Agfa Isola 2, 2½ in, sq. (body No. K.F. 0065); Agfa Colour Flex, 35-mm. (body No. J.F. 6533); Agfa Silette, 35-mm. (body No. X.H. 4964); Agfa Super Silette, 35-mm. (body No. A.C. 6560); Braun Paxette Super 2L, 35-mm. (lens No. 4749027, body No. 363182); Paxette Reflex 1B, 35-mm. body No. 363182): Paxette Reflex 1B, 35-mm, (lens No. 1999189, body No. 18743); Paxette Super 2L, 35-mm, (lens No. 4758670, body No. 391755); Voigtlander Dynamatic, 35-mm,, f/2·8 Lanthar lens (body No. 5265963); Voigtlander Vito C, 35-mm,, f/2·8 Lanthar lens (body No. 5284492); Voigtlander Vito C, 35-mm,, f/2·8 Lanthar lens (body No. 5084501); Voigtlander Vito C,D., 35-mm,, f/2·8 Lanthar lens (body No. 5086068): Snecto 88 cine camera, 8-mm. No. 5086089): Specto 88 cine camera, 8-mm. (No. C. 298); Noris 8D cine camera, 8-mm. (lens Ronar 3835248) body No. 04659); Bauer 88F cine camera, 8-mm. (body No. 110912); Admira 88F cine camera, 8-mm. (No. 0110143-3635); Cimatic cine camera, 8-mm. (No. 01339); Cima D8B cine camera, 8-mm. (No. 01850); Bauer cine projector, 8-mm. T.10S (No. 10R36); Specto Royal cine projector, 8-mm. (No. 3430); Specto 8 cine projector, 8-mm. (No. 5817); Eumig projector P8M Imperial, 8-mm. (No. 885230); Cimulux cine projector, 8-mm. (No.

> J. C. Arnfield & Sons, Ltd., W. NEEDHAM, Manager, Stockport

Chemists' Rotas

SIR,-I have read the letter from Alderman Bowen in your January 28 issue, and am sure that the pharmacists of the city would be prepared to examine the rota services if approached in the proper manner. Alderman Bowen should learn from the City analyst's department. He would discover that Birmingham pharmacists are more than co-operative, indeed are prepared to go to considerable lengths to make the pharmaceutical services second to none, The alderman must know that his final paragraph is not justified. The National Health Service in the city would look very sick if dispensing chemists did not consider themselves an integral part of the service. A genuine approach to the pharmacists through their official body would produce results more quickly than acclamations in the Press,
John L. Dunkley,

Birmingham, 31

SIR, — Let us not be provoked to anger by Alderman Bowen's rage. We can understand his attitude. We are all more sensitive to our own hurts. But we in pharmacy have too clear a conscience to enter into a slanging match. Let his individual case be examined and investigated in detail. (1) What time was the doctor called? (2) What was the nature of the illness? (3) Why did the doctor not arrive until 1.30? Then, if the case was urgent why did the doctor not (1) give immediate help? (2) telephone nearest resident pharmacist? (3) telephone that city pharmacy for priority — which would doubtless have been readily given? If the case

was not urgent, may I suggest that we cannot gear the country's pharmacy round non-urgent cases. In thirty years of pharmacy I have had my fill of rotas and overtime crammed with non-urgent, day-old, week-old, even monthold prescriptions. Now I will no longer be bullied into misuse of my abilities. I will no longer do extended overtime working at pressure. I urge any of my customers in need to call on me without hesitation. The local doctors know that I am here if needed. To improve the National Health Service I suggest (1) That doctors' second surgery be moved to an afternoon hour. (2) That patients be discouraged from thinking that they can go to work all day and come home to find the N.H.S. waiting on their convenience. There are many ways to improve the N.H.S., but none of them involve hounding the pharmacist or doctor. In fact, a little more support for both but was the same of the content of the for both by users of the service might be helpful. J. H. L. G. SMITH, London, N.4

SIR,—I take strong exception to Mr. Bowen's impertinent comment that it is not too much to ask that dispensing chemists should consider themselves as an integral part of the National Health Service, etc. Although a past-member of an Executive Council, and a present member of a Health Committee, Mr. Bowen gives me the impression that he is ignorant of a few basic facts concerning the pharmaceutical service. He should know only too well that chemists provide a service far beyond that required by their terms of service. Mr. Bowen should at least be aware that the majority of chemists and doctors co-operate closely, and that chemists frequently turn out at all odd hours to supply a drug urgently required. statutory rota services provided throughout the country have been shown by experience to meet all normal demands, and it is ridiculous for that system to be condemned because of a quite sudden and unexpected demand upon it, aggravated by the fact that many members of the public could not be bothered to ascertain which of their local chemists was on duty. Doctors are informed of rota details, as is the local Press, and that, together with notices on pharmacy doors, should be enough. If the public do not read them. do not blame the lack of notice. Blame rather the general lassitude so preva-lent today. It is a sad reflection of standards today that there is no objection to queueing for hours to see a sporting event but as soon as the word "health becomes involved queueing becomes scandalous and intolerable. Let us not confuse necessity with convenience. Pharmacists working in the National Health Service are doing a splen-did job and I know from personal experience that they give a service far beyond what is required under their terms of service. It is time that chemists stopped thinking it is unethical to state their case or protest against public speakers. Being a useful member of a service does not mean one loses all

mat for all and sundry.

W. G. CATCHPOLE,

W. G. CATCHPOLE, sense of dignity and becomes a door-

Hornchurch, Essex

SIR,—We now know from Alderman Bowen's letter (C. & D., January 28, p. 84) that the real trouble, in Birmingham, over the Christmas holiday, was that Mrs. Bowen's illness and the time of the arrival of her doctor, did not coincide with the time of the rota at the local chemists' shops. That resulted in the alderman's having to go to the city centre where he was called upon to wait his turn. I don't suppose that the circumstances were any other than the usual ones, in which 90 per cent. of the prescriptions being presented are of little or no urgency at all, and quite a large percentage several days old. It does seem, however, that the only way to satisfy this gentleman will be for the pharmacies in Birmingham to keep open for twenty-four hours a day, every day, and considerably to increase their staffs in case the alderman calls in during a rush period and is once again asked to wait his turn. It will be of no use altering the time of the rota, for Mrs. Bowen will in all probability be taken ill half an hour after the shops are closed. The last paragraph is interesting, and I would suggest that, had the alderman given proper attention to his duties as a member of the Executive Council, it would have been obvious to him that pharmacists do regard themselves as an integral part of the National Health Service, and that they work longer hours than most other parts for much less remuneration, and give every possible consideration to the public quirements. I could go on, but will content myself with the brief statement that Alderman Bowen is talking nonsense. I only hope that, when the appropriate authorities deal with his complaint, they will regard it simply as one from a Mr. Bowen, and that the fact that he happens to have been honoured by his Council will not cause any foolish decisions to be made in order to placate a V.I.P. Having said that Alderman Bowen is talking nonsense I perhaps ought to give evidence of some authority. I, too, am an alderman of my borough council, and have been for eleven years. I have twice been the mayor, and for the past six years the chairman of the borough Health Committee. I served for six years on the Executive Council, and during that time was chairman of its pharmaceutical committee. I was for five years the chairman of the local branch of the Pharmaceutical Society, and for a number of years in business as a dispensing chemist in the City of Birmingham. I claim to have a wider knowledge than Alderman Bowen of the pharmaceuti-cal service and would express the opinion that his poor view of pharmacists is not shared by his colleagues on his, or indeed, on any other Executive

GILBERT H. GOODWIN, Alderman, etc., Bexhill-on-Sea



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An Implied Stigma on Contractors

PAYMENTS received by the chemist-contractors in the National Health Service are again brought before the critical—and less critical—gaze of Parliament and public, this time focused by Sir Edmund Compton (Comptroller and Auditor General) in his report on the Civil Appropriation Accounts 1959–60 (see p. 100). Whilst much of the report is purely factual and cannot be refuted, there is an implied stigma suggesting that pharmacists are receiving an exorbitant return for their services. The Comptroller's attitude is evident in a question addressed to the Ministry of Health asking for evidence that the remuneration of chemists was "no more than fair and reasonable."

Subscribers will note the use of the negative indicating a "thus-far-and-no-further attitude"—not "Is the Ministry getting an excellent service for a reasonable '; not "Is the chemist being adequately paid for the hours of service?"; not "Are the fees comparable to those that would be offered in similar professions?" But to expect such questions is possibly to ask too much, for the Comptroller, in his capacity as official auditor for the Government is, in this case, concerned primarily with the mathematical aspects of the National Health Service. His interests from that point of view are concerned with the Treasury—they do not necessarily coincide with those of the patients, let alone of the chemists. As we have already stated, the report is essentially a factual one, but it is unfortunate that its concise wording may give rise to ill-informed comment. Sir Edmund refers to the Pharmaceutical Whitley Council questionnaire issued in 1958 to 1,920 chemists "to provide information on costs and profits for accounting years ending between April 1, 1957 and March 31, 1958." He states: "Usable replies were received from 878 chemists, of which 286 came from shops owned by the two largest firms of multiple chemists, and 592 came from shops under other ownership," and continues: "In view of the poor response by independent chemists there is a possibility of statistical bias in the results received." Put in that way, it is perhaps understandable that a number of statements have appeared in the Press denigrating chemists by suggesting that they "have not bothered to reply" to the Whitley Council questionnaire. The report fails to make the reader aware that the questionnaire demanded a record of the activities of every member of the staff of the pharmacy, detailed at two-minute intervals over a period of three weeks. We suggest that 878 usable replies indicate a high percentage co-operation in a

difficult operation. In other walks of life few suppliers of goods or services would be willing to provide so detailed a time-table of their activities to a customer or client

Referring again to the report, we would criticise the manner in which reference is made to payments for containers, as if they were in fact part of the remuneration of contractors.

The final paragraph in that part of the report relating to chemists' remuneration refers to the Ministry of Health's intention to reopen the questions of differential remuneration and of differential Drug Tariff rates. The Ministry should only put forward such schemes if it can also submit sound and practical methods of procedure that are not costly to install, otherwise costs might outweigh possible savings to the country. Furthermore, if the procedures involve the chemist, he must be rewarded for that extra work. Finally we endorse Mr. Noble's comments, quoted in the London Evening Standard, "The real truth is that, of all the professional groups engaged in the Health Service, the chemist has had the worst treatment from the Government and the most undeserved volume of adverse criticism."

Teenagers and Their Spending

In some markets "teenage spending bulks so large that it almost determines the character and prosperity of the trade" declares Dr. Mark Abrams (research director, London Press Exchange, Ltd.) in a survey, "Teenage Consumer Spending in 1959," in which he analyses the spending habits of different groups of Britain's 5 million teenagers. Dr. Abrams defines teenagers as "those young people who have reached the age of fifteen, but are not yet twenty-five years of age and are unmarried." There were $2\frac{3}{4}$ million boys and $2\frac{1}{4}$ million girls in that category in 1959, of whom 2 million boys and 2 million girls were at work in business and industry, the others being at school or college or in the Armed Forces. The semi-annual census of earnings carried out in October 1960 by the Ministry of Labour showed that the average male teenager in industry was then earning approximately £8 a week, and that the average teenage girl's weekly earnings were £6.

After making allowances for National Insurance, income tax and payments to parents, Dr. Abrams states: "it would seem that in 1959 the average male teenager (both employed and not employed) spent 71s. 6d. a week and the average girl (both employed and unemployed) spent 54s." In other words, Britain's 5 million teenagers, after meeting their State and family obligations, and after putting aside £70 millions as true savings, spent £830 millions, or slightly over 5 per cent. of the national total consumer expenditure. Figures of teenage expenditure calculated from various general consumer surveys carried out during the past eighteen months show that there is a high degree of concentration in teenage spending upon certain commodities (clothing, cosmetics, bicycles, etc.). The obverse of teenage dominance in some markets is, of course, the negligible impact of teenagers in others, such as in durable household goods, fuel and light, etc. £22 millions a year is spent by teenagers on cosmetics and toilet preparations; and £16 millions on other chemists' goods. Those figures, which represent 2.7 per cent. and 1.9 per cent. of teenagers' expenditure, may also be expressed as the weekly expenditure of 1s. 8d. and 1s. 3d. But probably more important, from the point of

view of the pharmacist in retail practice, is that the teenage purchases of cosmetic and toilet products represent 29.3 per cent. of all sales of those lines, and of "other chemists' goods" sold the teenager buys 10.2 per cent.

Beset by the multitudinous problems behind the counter, pharmacists may have a tendency merely to accept a change of demand as an inevitable commercial risk, but those of inquiring mind who investigate the situation will make most of the opportunities available to them. Dr. Abrams has clearly indicated that the pharmacist who would build up a successful business must adopt displays and selling techniques that appeal to the teenager, otherwise he limits his sales possibilities by 39·5 per cent.

Overseas Trade in Pharmaceuticals, 1960

As previously reported (C. & D., January 28, p. 73), United Kingdom exports of drugs, medicines and medicinal preparations in 1960 reached a record total of

YEAR 1959 **EXPORTS** DECEMBER 1960 YEAR 1960 Drugs, medicines, medicinal pre £ parations (total) 40,917,956 4.087.192 44,355,333 2,694,588 2,687,422 Vitamins 219.849 1,100,713 Penicillin salts 39,268 931,320 Penicillin injections 60.997 582,976 569,875 Penicillin tablets, ointments, 91,102 795,163 781,779 Antibiotics other than penicillin... 528,604 6,355,022 6,254,579 1,640,632 97,120 1,365,146 Alkaloids 1,186,172 123,786 1,202,476 Aspirin 536,414 62,314 656,516 Antihistamines . . . 163,650 1,206,776 893,296 Antipaludics 44,016 623,519 582,443 Barbiturates 24,615 195,204 190,355 Liver extracts Ointments and liniments ... 138,553 1,523,355 1,338,481 433,182 35,859 526,497 Insulin 1,047,165 Sulphonamides, prepared 82,623 1,311,287 Proprietary medicines Unclassified medicines 1,328,943 12,847,060 11,698,266 8,676,975 863,792 9,920,008 30,472 391,225 544,824 Glycerin . . . 391,971 16,184 390,913 Acetone . . . 562,674 48,181 531,706 Citric' acid 165,072 17,859 181,210 Salicylates . . . Sulphonamides, unprepared 913,551 856,592 78,524 Perfumery and toilet preparations 3,421,976 3,145,493 280,251 Lipstick, face powder, etc. 1,989,514 224,098 2,074,589 Dentifrices ... 3.049.189 270,258 3,151,861 Toilet soaps 706,160 6,482,460 6,380,128 Synthetic detergents ... £ RE-EXPORTS £ f 28,877 264,237 281,940 Drugs, raw 464,598 454,308 Medicinal and pharmaceutical goods 23,727 868,161 104,222 1,077,030 Essential oils ... IMPORTS £ £ £ 67,197 541,420 394,296 Vitamins 707,669 100,054 1,535,100 Antibiotics 798,303 740,215 99,156 Alkaloids . . . 532,033 52,600 731,731 Proprietary medicines 1,213,398 1,069,626 82,595 Borax ... 369,890 22,042 446,629 Iodine 370,825 11,472 402,112 Menthol . Essential Oils 219,201 12,227 274,739 Bergamot 26,288 207,611 405,990 Citronella 71,077 133,846 8,730 Clove ... 373,590 548,179 Geranium 36,079 . . . 248,105 377,276 11,895 Lavender 649,524 66,822 497,181 Lemon 332,249 11,448 228,866 Orange 83,090 924,997 843,799 Peppermint . . . 1,892,948 251,309 2,636,248 Unclassified

12,485

68,426

24,962

...

Tragacanth

Ipecacuanha root

Acacia ...

£44.3 millions or £3.4 millions more than in 1959, which was itself a record. Exports during December were valued at over £4 millions for the second successive month, and whereas the November figures were no doubt swollen by clearance of the backlog of orders caused by the London tally clerks' strike in previous months, that could hardly be so with the December figures. The higher returns for the year were mainly the result of substantial increases during the first four months of 1960, but during the summer months, as indeed in 1959 though then it was to a lesser extent, the value of shipments fell away. Exports of pharmaceuticals, however, finished the year a little over 8 per cent. higher than in 1959 whereas the chemicals group as a whole at £316.6 millions showed an expansion of just under 8 per cent. in 1960 following a rise of 12 per cent. in 1959.

Australia which took prepared medicines to the value of £4 millions, remained the leading market, followed by Nigeria (£2.8 millions), Pakistan (£2.4 millions), Irish

Republic and New Zealand (each in purchases over 1959, but shipments £2.0 millions); all showed an increase to Pakistan were notably up by 80 per cent. on 1959. Sales to Canada improved by about one-quarter, but fell by a similar amount in the case of the United States, Exports to the Common Market countries increased over £2.7 millions in 1959 to £3.4 millions in 1960, and to those countries in the European Free Trade Association for which statistics are available, only Denmark's purchases were lower. An analysis of the returns published by the Board of Trade (see table) shows that proprietary medicines (£12.8 millions), antibiotics (£8.6 millions) and vitamins (£2.7 millions), accounted for over half the export trade. Reexported medicinal and pharmaceutical goods at £464,000 were £10,000 more in 1960 than in 1959. On the other hand, prepared medicines imported by the United Kingdom were £3,606,554, at valued £2,374,213 in the previous year, antibiotics accounting for £800,000 of that increase.

So far the Common Market has apparently had little effect on British exports to its member countries, but 1961 sees an internal reduction in duties of 10 per cent., giving them a 30 per cent. advantage in tariff, compared with that by United Kingdom exports. Furthermore, the tariff rates in some of the countries are expected to be increased by the adoption of a common external tariff: Countries within the Common market, as well as in E.F.T.A., are pushing ahead with their pharmaceutical plant expansion, so that the lot of the British exporter is becoming more difficult and complex.

459,175

404,790

1,625,773

519,938

443,686

1,513,164

FIGURES IN THE PHARMACEUTICAL WORLD

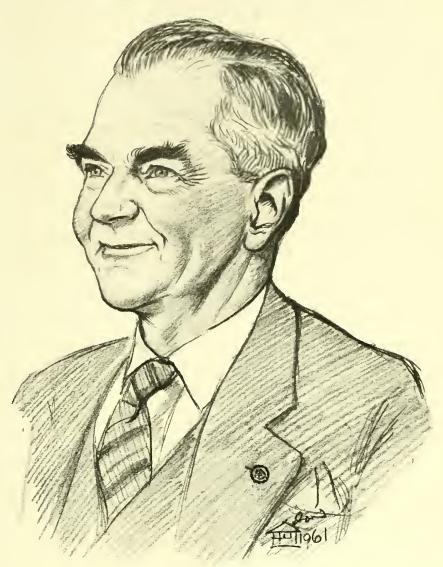
PHARMACISTS are inevitably among those who, with much at stake, await with an intense interest the findings of the "fact-finding" inquiry into resale price maintenance, and the Government's resultant action. When the report comes to be published there will be a need for speedy assessment and well directed and possibly immediate action by those bodics, of which the Proprictary Articles Trade Association is the outstanding example, that are concerned with promoting resale price maintenance as a valuable principle of sound and straightforward trading. The president of that association at the present time therefore requires to be a person in whose judgment and character its members may have the fullest confidence. He is, Mr. Cecil Henry Foster, M.P.S., who has been chairman of the retail section for the past three years and became president of the Association on January 12, is a man of strong loyalties backed by a long and close experience of the problems involved.

In August 1914, straight from school, he went into the Army, serving in France and Palestine and being twice wounded. On his return he took up farming in Yorkshire, with the intention of making that his career. Unfortunately those were unprosperous years in agriculture, and he soon found that for him there was no future in farming. There was an alternative—a place in

the family business.

He served his pharmaceutical apprenticeship with a business partner of his pharmacist father, the late Mr. H. S. Foster (d. 1940). (The partner, Mr. Colin Palmer, is today in business at Rayleigh, Essex.) The apprenticeship from 1922 was at the firm's pharmacy at Cricklewood Broadway, London, N.W.2, leading to a qualification in 1925 from the South of England College of Pharmacy. After experience with D. R. Harris & Co., King Street, St. James, and Lewis & Burrows, Brompton Road, he joined his father at the Forest Hill Road pharmacy, London, S.E.22—the business became H. S. Foster & Sons, Ltd., in 1943—where he has remained ever since. His father gave him a sterner business training and discipline, perhaps, than he had previously experienced. The training, though rigid, was fruitful if the extent of Mr. Foster's current business interests is any clue for, in addition to being a director of H. S. Foster & Sons (Surrey), Ltd., and H. S. Foster & Sons (Kent), Ltd., he is a director of A. R. Cross (Portsmouth). Ltd., Portsmouth, of Broom, Reid & Harris. Ltd., Exeter, and of Unichem, Ltd., of which he is one of the founder members.

His wife, also a pharmacist, demonstrated her own business acumen when called upon to take her husband's place while he was in hospital for a serious operation that kept him inactive for two years. The operation left him with an artificial hip joint that prevented him from playing a full round of golf. That has deprived him of the full benefits of membership of the South London and Surrey Pharmacists' Golfing Society and he may never again win the



MR. C. H. FOSTER

Founder's cup, as he did in his first year as a member of the London Chemists' Golfing Society. But it left him fully mobile for his various business and organisational activities. Prominent among the latter is his present office in the P.A.T.A., to which he brings the experience gained as president, 1935–36, of the South-east London Chemists' Association and Branch of the Pharmaccutical Society and South-east London Branch of the Photographic Dealers' Association; president, 1939–45 of the London County Pharmaceutical Association; and many years' membership of the London Pharmaceutical Committee, of which he was chairman in 1949 and yields seniority only to Mr. H. R. Edgecombe.

The esteem of close colleagues over many years—in business and in committee, in sport and in Rotary—is the best demonstration of the loyalty and shrewdness that his P.A.T.A. chairmanship will both need and receive and the cordiality of his personality is

matched by the warm wishes of his friends for a rewarding tenure of highest office.

PERSONALITIES

MR. J. D. GARNER, who has been a representative of Southall Bros. & Barclay, Ltd., for the past twenty-five years, retires at the end of February.

MISS MARGARET WALLIS, M.P.S. (chairman of the Tunbridge Wells Branch of the Pharmaceutical Society and vice-president of the local Pharmaceutical Association), is taking part in a general-knowledge quiz, "Beat Your Neighbour," featured by Southern Independent Television on February 8.

MR. S. P. CHAMBERS (chairman, Imperial Chemical Industries, Ltd), has left for India and Pakistan on his first visit as chairman to the offices and facories of the I.C.I. subsidiaries, I.C.I. (India) Private, Ltd., and I.C.I. (Pakistan), Ltd. He will return to Britain on February 19.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 118.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

CORTROPHIN ZN

MANUFACTURER: Organon Laboratories, Ltd., Brettenham House, Lancaster Place, London, W.C.2.

DESCRIPTION: Multidose vials of long-acting suspension of corticotrophin with zinc hydroxide. For intramuscular or subcutaneous injection.

INDICATIONS: Rheumatoid arthritis; inflammatory eye conditions; atopic dermatitis; asthma. See manufacturer's literature, also.

Contraindications: Cushing's syndrome; acute psychoses.

Administer with care in cases of peptic ulcer and pulmonary tuberculosis.

Dosage: According to the patient's requirements.

How Supplied: In vial of 5 mils (20 or 40 units per mil).

FIRST ISSUED: Generally released December 1960.

SUPPLY RESTRICTIONS: P.I, S.7, Therapeutic Substances Act.

Notes: Store at 2-10° C. Protect from strong light.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

DISTIVIT oral

MANUFACTURER: The Distillers Co. (Biochemicals), Ltd., Broadway House, The Broadway, London, S.W.19.

Description: *Tablets*, each containing 20, 100 or 1,000 microgm. of cyanocobalamin, as a polypeptide complex; *Elixir*, containing 20 microgm. per teaspoonful (3·5 mils).

INDICATIONS: Anæmias; debility; neurological and dermatological disorders.

Dosage: Megaloblastic anæmias: at least 100 microgm. daily. As a dietary supplement: at least 20 microgm. three times a day. Other disorders: 1,000 microgm. daily for up to one or two weeks, then reduced.

How Supplied: *Tablets*, in containers of twenty-five and 100 (20 microgm.); twenty-five, 100 and 500 (100 microgm.); foil pack of four (1,000 microgm.); *Elixir*, in bottles of 4 and 40 fl. oz.

Notes: Replaces card on DISTIVIT TABLETS.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

HP ACTHAR gel

Manufacturer: Armour Pharmaceutical Co., Ltd., Hampden Park, Eastbourne, Sussex.

Description: Multidose vials of long-acting solution of corticotrophin in 16 per cent. gelatin. For intramuscular injection.

INDICATIONS: Rheumatoid arthritis; inflammatory eye conditions; atopic dematitis; asthma. See manufacturer's literature, also.

CONTRAINDICATIONS: Cushing's syndrome; acute psychoses; active tuberculosis; active peptic ulcer.

Dosage: According to the patient's requirements.

How Supplied: In vials of 2 mils (40 units per mil) and 5 mils (20 or 40 units per mil).

FIRST ISSUED: Generally released December 1960.

SUPPLY RESTRICTIONS: P.I, S.7, Therapeutic Substances Act.

Notes: Store at 2-10°C. Protect from strong light.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

PARISEPSIN DIPHIODIN cream

Manufacturer: H.E.B. Pharmaceuticals, Ltd., 482 Stretford Road, Manchester, 16.

Description: White cream, containing 0.5 per cent. of dichlor-dihydroxy-dimethyl-diphenyl-trichlorethane and 0.1 per cent. of diphenyliodonium phthalimide, in an emulsifying base.

INDICATIONS: Pruritus, skin infections and as a deodoriser.

Dosage: Apply sparingly to the affected area.

How Supplied: In containers of 3, 8 and 24 oz.

FIRST ISSUED: November 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

ADCORTYL-A parenteral

Manufacturer: E. R. Squibb & Sons, Ltd., Edwards Lane, Speke, Liverpool, 24.

DESCRIPTION: Injection of triamcinolone acetonide, containing 10 mgm. per mil in aqueous suspension.

INDICATIONS: (a) Local inflammatory conditions such as rheumatoid arthritis; (b) steroid-responsive skin lesions, particularly psoriasis.

Contraindications: Local infections, at or near the site of injection.

Dosage: (a) 0.2-1.5 mils (2-15 mgm.), intra-articular, intra-synovial or intra-bursal; (b) 0.1-0.3 mil (1-3 mgm.), intra-lesional or intradermal.

How Supplied: In 5 mil multidose vial.

FIRST ISSUED: December 1960.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

CORTICO-GEL

Manufacturer: The Crookes Laboratories, Ltd., Gorst Road, Park Royal, London, N.W.10.

DESCRIPTION: Multidose vials of long-acting solution of corticotrophin in 16 per cent. gelatin. For intramuscular injection.

INDICATIONS: Rheumatoid arthritis; inflammatory eye conditions; atopic dermatitis; asthma. See manufacturer's literature, also.

CONTRAINDICATIONS: Cushing's syndrome; acute psychoses.

Administer with care in cases of peptic ulcer and pulmonary tuberculosis.

Dosage: According to the patient's requirements.

How Supplied: In vial of 5 mils (20 or 40 units per mil).

FIRST ISSUED: Generally released December 1960.

SUPPLY RESTRICTIONS: P.I, S.7, Therapeutic Substances Act. Notes: Store at 2-10°C. Protect from strong light.

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THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

LINOSCLERIN capsules

Manufacturer: Cuxson, Gerrard & Co., Ltd., Fountain Lane, Oldbury, Birmingham. Listributor: Uni-Pharma, Ltd., 229a Shaftesbury Avenue, London, W.C.1.

Description: Orange capsules, each containing 400 mgm. of ethyl linoleic acid, 3 mgm. of pyridoxine hydrochloride and 2 mgm. of α -tocopheryl acetate.

INDICATIONS: Atherosclerosis, hypercholesterolæmia, coronary diseases, myocardial infarction.

Dosage: Two capsules three times a day for 20-30 days.

How Supplied: In containers of forty and 500.

FIRST ISSUED: November 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

WESCODYNE "surgical"

Manufacturer: West Chemical Products, Ltd., Dell House Laboratories, Chalfont St. Giles, Bucks. Distributor: Bengué & Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex.

DESCRIPTION: A non-ionic iodophor solution yielding 2-4 per cent, of available iodine. Contains 13-65 per cent, of polyethoxy polypropoxy polyethoxy ethanol-iodine complex; 13-11 per cent, of nonylphenoxy polyethoxy ethanol-iodine complex, and 0-165 per cent, of hydrogen chloride.

INDICATIONS: As a disinfectant cleanser for hospital use: sterilisation of instruments, thermometers, rubber gloves, sheeting, etc.

METHOD OF USE: 1 fl. oz. diluted to 1 gallon with cold water (producing a solution containing at least 150 p.p.m. available iodine) is suitable for general use.

How Supplied: In bottles of 16 and 80 fl. oz.

FIRST ISSUED: November 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

DANERAL tablets

MANUFACTURER: Hoechst Pharmaceuticals, Ltd., 11 Stoke Poges Lane, Slough, Bucks. DISTRIBUTOR: Horlicks, Ltd., Pharmaceutical division, Slough, Bucks.

Description: White tablets, each containing 10 or 50 mgm. of pheniramine *p-aminosalicylate*. Antihistaminic.

INDICATIONS: Allergic conditions.

DOSAGE: Adults, 20-50 mgm. two or three times a day. Children, 10 mgm. three times a day.

How Supplied: In containers of ten and 250 (10 mgm.); containers of twenty and 100 (50 mgm.).

FIRST ISSUED: April 1960.

SUPPLY RESTRICTIONS: P.1, S 7.

Notes: Not to be taken on an empty stomach.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

INAPASADE granules

Manufacturer: Smith & Nephew Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, Herts.

DESCRIPTION: Red cylindrical "adegrate" granules, consisting of a low melting-point fat containing 150 mgm. of isoniazid and 6 gm. of sodium p-aminosalicylate per 7 gm.

INDICATIONS: Tuberculosis, especially for domiciliary therapy.

Dosage: 7 gm. of granules twice a day.

How Supplied: In containers of sixty and 120 packets (containing one 7 gm. dose of granules in each); in container of 1 kilo of loose granules (with a measured-dose scoop).

FIRST ISSUED: November 1960.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

Notes: The formulation is designed to improve palatability and lessen gastro-intestinal irritation.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

MODITEN tablets

Manufacturer: E. R. Squibb & Sons, Ltd., Edwards Lane, Speke, Liverpool, 24.

DESCRIPTION: Pink sugar-coated tablets, each containing 1 mgm. of fluphenazine dihydrochloride. Psychotropic.

INDICATIONS: Anxiety neuroses.

CONTRAINDICATIONS: Severe depression.

Dosage: 1 mgm. daily, in the morning. May be doubled or repeated later in the day, if necessary.

How Supplied: In bottles of twenty-five, 100 and 500.

FIRST ISSUED: January 1961. SUPPLY RESTRICTIONS: P.I, S.4B.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

S 7 cream, jelly and powder

MANUFACTURER: Calmic, Ltd., Crewe, Ches.

Description: Topical preparations of bis-(2-hydroxy-5-chlorophenyl) sulphide. A fungicidal antibacterial agent.

INDICATIONS: Fungal infections of the skin and mucous membranes: athlete's foot, oral thrush, otitis, monilial infections.

METHOD OF USE: Applied to the affected area twice a day.

How Supplied: Cream, in tube of 30 gm.; Jelly, tube of 15 gm.; Powder, insufflators of 15 and 75 gm.

FIRST ISSUED: November 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

Suspension penicillin-V potassium (ready-prepared)

MANUFACTURER: The Distillers Co. (Biochemicals), Ltd., Broadway House, The Broadway, London, S.W.19.

Description: Suspension containing 60 mgm. of phenoxymethylpenicillin (as potassium salt) per 5 mils.

INDICATIONS: Penicillin-sensitive infections.

Dosage: 60 mgm. or more every 4 hours.

How Supplied: In bottle of 60 mils.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

FIRST ISSUED: December 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

CHYMAR aqueous

Manufacturer: Armour Pharmaceutical Co., Ltd., Hampden Park, Eastbourne, Sussex.

DESCRIPTION: Multidose vials of crystallised alpha-chymotrypsin in sterile normal saline. For intramuscular injection.

INDICATIONS: Bruises, hæmatomas, wounds, burns, sprains, fractures, cellulitis, thrombophlebitis, ulcers, plastic surgery, episiotomies, pclvic inflammatory disease, bronchitis, rhinitis, sinusitis, asthma.

Dosage: See manufacturer's literature.

How Supplied: In vial of 5 mils (5,000 units per mil).

FIRST ISSUED: December 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

MEDRONE VERIDERM

Manufacturer: Upjohn of England, Ltd., Fleming Way, Crawley, Sussex.

Description: A topical preparation containing 0.25 per cent, of methylprednisolone in a skin lipid (Veriderm) base.

INDICATIONS: Allergic and inflammatory skin conditions.

METHOD OF USE: Applied sparingly, one to three times a day.

How Supplied: In 5-mgm. tube.

FIRST 1SSUED: January 1961.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

Notes: Not for ophthalmic use.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

STELAZINE Spansules

Manufacturer: Smith Kine & French Laboratories, Ltd., Welwyn Garden City, Herts.

DESCRIPTION: Sustained-release capsules, each containing 2 mgm. of trifluoperazine.

INDICATIONS: Nausea and vomiting; mild mental and emotional disturbances.

CONTRAINDICATIONS: In comatose and stuporous patients.

Dosage: One or two Spansules in a single daily dosc.

How Supplied: In containers of thirty and 250.

FIRST ISSUED: January 1961. Supply Restrictions: P.1, S.4b.

PRECAUTIONS: Administer with care in cardiovascular disorders, and when sedatives are being taken.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

TRANSID tablets

Manufacturer: Duncan, Flockhart & Co., Ltd., 16 Wheatfield Road, Edinburgh, 11.

Description: Tablets, each containing 0.3 gm. of polyaminostyrene.

INDICATIONS: Peptic ulcer; gastric hyperacidity; dyspepsia of pregnancy.

Dosage: Two to four tablets every 2-3 hours initially, then as required. They may be sucked or chewed, or allowed to disintegrate in a drink.

How Supplied: In container of 100 (foil-packed).

FIRST ISSUED: November 1960.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, February 4, 1961

TUMESON ointment

Manufacturer: Hoechst Pharmaceuticals, Ltd., 11 Stoke Poges Lane. Slough, Bucks. Distributor: Horlicks, Ltd., Pharmaceutical division, Slough, Bucks.

Description: Ointment containing 0.25 per cent. of prednisolone and 0.3 per cent. of sulphonated distillate of bituminous shale oils.

INDICATIONS: Chronic dermatitis, eczema.

METHOD OF USE: Apply up to three times a day.

How Supplied: In tubes of 5 and 20 gm.

FIRST ISSUED: April 1960.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, FEBRUARY 1: The level of inquiry for Crude Drugs which during January had shown some signs of improvement, tailed off somewhat during the last few days.

Perhaps the only exception was provided by LIQUORICE for which there was a sudden burst of activity in the past week. Stocks of Russian root were cleared and all that remains on the spot is the less-popular Persian variety at around 45s. per cwt. Pepper dipped sharply; the white Sarawak being quoted at 4s. 7d. per lb. (threepence down), and the black Sarawak at 3s. 2½d. per lb. (fivepence-halfpenny down). Cape prime ALOES were quiet at origin but spot material, being somewhat short, rose 5s. to 180s. per cwt. New crop BUCHU LEAVES were firmer by fivepence per lb. for shipment. Stocks of Elemi appear to have been taken up on the spot, but there were sellers of forward at 1s. 11d. per lb., c.i.f. Quotations for Chinese MENTHOL for prompt shipment were easier and that affected the price of an afloat parcel. New crop African GINGER eased by about 5s. per cwt. for shipment; other varieties remained steady at previous levels.

The Pyrethrum Board of Kenya have announced that they are studying trials of a new mechanical transplanter which could revolutionise the cultivation of PYRETHRUM flowers. At the moment pyrethrum "splits" formed by subdividing mature plants, are planted by hand—a long and laborious task. At recent trials, using the two-row mechtransplanter, 1.2 acres were anical planted in three hours. They add that if the transplanter proves practicable on a large scale, it should help the growers

The quieter trading conditions in IPECACUANHA during 1960 compared with 1959 are portrayed in the latest in port figures issued by the Reard of import figures issued by the Board of Trade (see p. 110).

CRUDE OPIUM imports increased from 431 cwt. to 976 cwt. in the year but it will be recalled that the 1959 crop was

a failure in Turkey.

CHEMICALS. PHARMACEUTICAL manufacturers of CITRATES reduced by one penny per lb. their prices for SODIUM, POTASSIUM and IRON and AMMONIUM citrates as a consequence of the reduction some weeks ago in CITRIC ACID.

In Essential Oils, spot Brazilian PEPPERMINT has been cleared. In the forward position Lemongrass and Brazilian peppermint were dearer by threepence per lb. and Madagascar CLOVE LEAF by three-halfpence.

Pharmaceutical Chemicals

AMMONIUM ACETATE. – B.P.C. 1949, 4s. 5d. per lb. 1-cwt, lots of

Ammonium bicarbonate.—B.P. powder, £50 5s. per ton; Carbonate, £81 10s. for lump and £85 10s. for powder.

Ammonium chloride. — One-cwt. lots B.P. powder, 105s. per cwt.; technical, 555.

HYDROCHLORIDE. £9 5s.; 10-kilos, £8 17s. 6d. per kilo.

ASCORBIC ACID.—One-kilo, £3 12s.; 10 kilos, £3 10s. per kilo. SODIUM ASCORBATE is offered at the same price.

ASPIRIN. — 5-cwt. lots (in kegs), 4s. 9d. per lb.; 1-cwt., 4s. 11d. CALCIUM SALT, 12s. 6d. per lb.

BORAX.—B.P. grade, 1 ton and upwards: Granular, £56 10s.; crystals, £60; powder, £61; extra fine powder, £62 per ton, all in hessian sacks. Commercial from £46 10s. to £52 per ton, as to type and packing. Dehydrated borax is £60 per ton in paperlined hessian bags or £59 in paner bags; carriage paid in Great Britain. Surcharges for smaller quantities: Less than 1 ton but for smaller quantities: Less than 1 ton but not less than 5 cwt., 1s. per cwt.; 3 cwt., 2s.; 1 cwt., 3s.

Boric ACID.—B.P. grade in 1 ton and upwards (per ton): Granular, £91 10s.; crystals, £99 10s.; powder, £97; extra-fine powder, £99 per ton in lined hessian bags, carriage paid in Great Britain. Less £1 per ton if supplied in paper bags. Technical from £77 10s. to £87 per ton according to type and packing.

CALCIFEROL.—B.P., 3s. 3d. per gm. for 1-kilo lots.

CALCIUM PANTOTHENATE. — £7 10s. per kilo.

Charcoal.—Medicinal activated, B.P.C., in 1-cwt. lots, £22 10s. per cwt.

CITRATES.—Per lb.:

	î cwt.	5 cwt.
SODIUM† POTASSIUM† IRON AND AMMONIUM*	s. d. 2 7½ 2 10½ 3 61	s. d. 2 6½ 2 9 3 5

†Powder 3d. per lb. more. *Scales 10d. per lb.

DIHYDROXY-ACETONE.—Per kilo £9 for minimum 1-kilo lots.

ETHER.—Per lb. in winchesters: TECHNICAL B.S.S., and SOLVENT, 5-cwt., 2s. 7d.; (4s. 1d. per litre). In drums the price is 2s. 2d. per lb. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt., 3s. 9d.

- B.P. and U.S.P., 1-kilo FOLIC ACID. lots, £28 per kilo.

Gallic acid.—B.P., 10s. 7d. per lb. for 1-cwt. lots. Technical grade, 9s. 9d.

GLYCYRRHETINIC ACID.—Per gm., 2s. 3d. KAOLIN.-LIGHT, 60s. per cwt.; 1-ton, 57s. per cwt.

LACTATES. — CALCIUM, B.P., 2s. 3d. per lb. in 5-cwt. lots and 2s. 4d. in 1-cwt, lots: CALCIUM SODIUM, 4s. 9d. and 4s. 10d. per lb.

Menaphthone. — (One-kilo-lots). B.P. 170s. per kilo; acetomenaphthone, b.p., 170s.; water-soluble (menadione sodium bisulphite, U.S.P.), 180s.

NICOTINAMIDE. — (Per kilo). One-kilo, 60s.; 10 kilos, 59s.; 50 kilos, 57s.

NICOTINIC ACID. — One-kilo, 39s.; 50-kilos, 36s. per kilo.

NIKETHAMIDE.—Per kilo, 100s.

Pyridoxine. — kilo; 10 kilos, £49. - One-kilo, £50 10s. per

RIBOFLAVINE. — One kilo, £13 5s.; 10-kilos, £12 17s. 6d. per kilo.

VITAMIN A.—Synthetic. Supplied in concentrate 1 million international units per gm. as acetate or palmitate the price is 9½d. per million i.u.

VITAMIN D2.—In oil, 2 million units per gm. the price is 2d. per million international units. Crystalline: see under calciferol.

VITAMIN E (synthetic or natural),—Toco-PHERYL ACETATE, B.P.C., 25 gm. to 100 gm., 11d. per gm.; 100 gm. to 1 kilo, 9d. per gm.; 1 kilo and under 10 kilos, £31 5s, per kilo; 10 kilos, £30 10s. per kilo. Equi-valent prices for unesterified are: 1s. and 10d. per gm. and £37 and £35 10s. per kilo

ZINC CARBONATE.—One-cwt. lots, 1s. 11d.

ZINC CHLORIDE. - B.P.C. cake, 7s. per lb.; sticks, 7s. 10d. TECHNICAL, 115s. per

ZINC OXIDE. — B.P. in 2-ton lots, £105 per ton.

ZINC PEROXIDE.—One-cwt. lots of B.P. 5s. 3d. per lb.

ZINC SULPHATE. — B.P., 1-cwt. lots 1s. 10d. per lb.

Industrial Chemicals, Solvents

ACETALDEHYDE.—The 100 per cent. is £122 per ton.

ACETATES.—Per ton, spot 1-ton lots: AMYL (technical), £254 and B.S.S., £256 BUTYL, £169; ETHYL, £141; ISOPROPYL £136.

ACETIC ANHYDRIDE.—10-ton lots, £126 per ton, delivered U.K. in returnable drums; 1-ton, £128.

ACETONE.-One-ton lots spot, £84 per ton in drums.

Benzole.—Thiophene-free, 9s. 3½d. pe gall. for one 50-gall. barrel; pure 6s. 3½d

N-BUTYL ALCOHOL. — 1-5-ton lots, £15! per Ion and one-ton lots, £163 per ton Secondary, £130.

Carbon Tetrachloride. — In 40-gall drums, 1 ton and under 2 tons, £83 15s. 4 tons and upwards, £82 5s.

1SOPROPYL ALCOHOL. — Technical grade (99 per cent.) 5s. $0\frac{1}{2}$ d. per gall. for 10,000 gall. lots; anhydrous in drum lots is £101 per ton.

METHYL ETHYL KETONE. — One-ton lots £138 10s. per ton.

Naphthalene.—Nominal home contrac prices per ton for phthalic makers ar around £40; spot lots £60-£70 ex works Refined flake or ball scarce at around £81

PHTHALATES. — Prices (per ton) one-tol lots: DIBUTYL, £206; DI-ISOBUTYL, £199 DI-ETHYL, £182.

STEARATES. — Spot prices for minimun 1-ton lots:—ALUMINIUM (all grades) 253s. 6d. per cwt., Calcium (precipitated) 243s. 6d.: Lead (30 per cent.), 223s. 6d. Magnesium (standard), 272s. and (super fine), 302s.; Zinc 226s. to 286s. as to grade.

LONDON EXCHANGE RATES

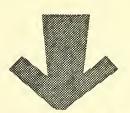
At the opening on Tuesday

Amsterdam	PIOTITIS TO E	10.00%-10.00%
Bombay	Shillings to	
	rupee	1/514-1/6-24
Brussels	Francs to £	139.721-139.771
Copenhagen.	Kronor to £	19.35%-19.35%
Frankfurt	D Marks to £	11.70 1-11.70 1
Hong Kong .	Shillings to \$	1/215-1/376
Karachi	Shillings to	, 10 . 10
	rupee	1/5+5-1/6+
Lisbon	Escudos to £	80.20-80.30
Malaya	Shillings to \$	2/4-2/4
Milan	Lira to £	1.743-1.7431
Montreal	Dollars to £	2.771-2.773
*New York	Dollars to £	2.78-2.82
Oslo	Kronor to £	20.033-20.04
Paris	Francs to £	13.743-13.745
Stockholm	Kronor to £	14-483-14-485
Zurich	Francs to £	12.08 1-12.08 1
*Bank of Engla	and official lim	its. Bank rate:

per cent. from December 8, 1960.

IT PAYS TO ORDER YOUR MINADEX







		IN PAF	RCELS		
2 doz x 6 oz bottles	Retail price	Wholesale price 2. 5. 0	Normal Profit	Special parcel rate 2. O. O	Parcel profit
1 doz x 12 oz bottles	£2.12.0	1. 19. 0	13/-	1.14.8	17/4

Minadex the tonic that has no equal (BP or BNF)!

GLAXO LABORATORIES LIMITED

GLAXO



Slimming is the rage for 1961! Just look at the welter of slimming articles and diet sheets published by newspapers and magazines. And the more diet-conscious people become—the more they're minded to turn to 'SAXIN', the non-fattening sweetener that replaces sugar. By stocking 'SAXIN' tablets and solution and by keeping it always prominently displayed you can enjoy a good share of this profitable, all-the-year-round trade.





Crude Drugs

ACONITE. - Spot: Spanish napellus, 2s. 6d. per lb.

AGAR.—Kobé No. 1, 15s. 9d. per lb. in bond; shipment, 15s. 3d., c.i.f.

ALOES.—Cape primes, spot, 180s. per ewt.; shipment, 157s. 6d., c.i.f. Curação, spot, 480s.; shipment, 440s., c.i.f.

BALSAMS .- PCT lb.: CANADA: Spot, 22s. for paper-filtered. Copaiba: Spot, 8s. 3d. duty paid as to source. Peru: Spot, 9s. in bond. Tolu (genuine as imported) nominal; B.P., 12s. 6d.

Benzoin. — Sumatra block, spot £22 to

£30 as to quality.

BUCHU. — Spot rounds, 1958-59 crop, 4s. 9d. per lb.; new crop for shipment, 4s. 1d., c.i.f.

CALABAR BEANS.—Spot, 2s. 3d. per lb. Camphor.—B.P. powder, 3s. 10½d. per

lb. in bond.

Cardamoms. — Aleppy greens, spot, 14s. per lb.; shipment, 12s. 6d. per lb., c.i.f. Seeds, shipment, 21s., c.i.f.

CASCARA. — Spot, 1960 peel, 270s. per ewt., shipment, 270s., c.i.f.

CHERRY BARK. - Thin natural, 2s. 10d. to 3s. 6d. per lb., as to holder.

CHILLIES.-Nigerian, 185s. per cwt.

Cinnamon Quills.—Shipment (c.i.f., per lb.) 4 O's, 5s. 4½d.; 3 O's, 5s. 2½d.; O, 4s. 10d.; quillings, 3s. 1½d.; featherings, Is. 6½d.

CLOVES .-–Zanzibar spot, 2s. 10d. per lb.; shipment, 2s. 74d., e.i.f.

COCHINEAL.—Black-brilliant, 11s. 6d. per lb., silver-grey 10s.; Peruvian silver-grey, 4s. 6d., all spot.

ELEMI.—Spot eleared. Shipment, 1s. 11d. per lb., c.i.f.

Frangula.—Spot, 105s. per cwt.

GENTIAN.—Spot: French, 155s. per cwt. GINGER.—African, spot, 230s.; new erop for shipment, 145s. per cwt., c.i.f. Jamaican No. 3, spot, 200s.; shipment, 195s., c.i.f. Cochin, shipment, new crop, 132s. 6d., c.i.f.; spot, 165s. (per ewt.).

GUM ACACIA. — Kordofan cleaned sorts. 152s. 6d. per cwt., spot; new erop, February-March shipment, 140s., c.i.f.

Honey.—Australian light amber, 100s. to 102s, 6d. per cwt. and medium amber 95s. to 100s. Argentine, 105s. to 110s.; Jamaican, 110s. to 115s.; Canadian clover, 145s. to 150s., all ex warehouse.

IPECACUANHA. — For shipment, c.i.f., per lb.—Colombian, 50s. 3d.: Costa Rican, 68s. 6d.; Nicaraguan, 66s. 6d. Spot: Matto Grosso, 53s. 6d. to 55s. as to test: Colombian, 55s. 6d.

Karaya, — No. 1 gum, spot 325s, per cwt. nominal; No. 2, 220s.

Kola Nuts. — Jamaican for shipment, 7d. per lb., c.i.f. African, 5½d. spot and 4d., c.i.f.

LANOLIN. — ANHYDROUS, B.P., is from 170s. to 175s. per cwt. in I-ton lots and HYDROUS, B.P., 150s., free drums, delivered.

LEMON PEEL.—Spot, 2s. 6d. to 3s. per lb. LIQUORICE. - Natural root: Persian on the spot, 45s. per cwt.; other varieties cleared. Anatolian decorticated, 175s. Block juice: Anatolian from 190s. per cwt.; Italian stick from 392s. to 470s. per ewt.

LOBELIA HERB. - American, c.i.f. value 7s. 9d.

MACE. — Whole pale blade. 23s. 6d. per lb. spot.

- Chinese: spot, 90s. per MENTHOL. lb., duty paid: afloat, 82s. 6d., c.i.f. Shipment, 78s., c.i.f. Brazilian, 53s. 6d., in bond: Formosan, 54s., in bond.

MERCURY. - About £69 per flask of

NUTMEGS. — West Indian 80's 12s. per lb., spot; sound unassorted, 9s. 3d.; defectives, 7s.

Nux vomica. — Spot, 130s. per ewt.; shipment, 90s., e.i.f., subject to export

Orange Peel. — Spot: Sweet rihhon, 2s. per lb.; bitter quarters: West Indian, ls. Id.; Spanish, Is. 7d.; bitter ribbon, 1s. 4d.

Orris root,-Florentine, 350s, per cwt. Papain. — Tanganyikan, 12s. per lh. c.i.f., for grade onc; spot 14s. Ceylon all grades nominal.

PEPPER.-White Sarawak, spot, 4s. per lh.; shipment, 4s. 2\frac{1}{2}d., c.i.f. Black Sarawak, spot, 3s. 2\frac{1}{2}d., shipment, 2s. 11\frac{1}{2}d., c.i.f. Black Malabar, 420s. per cwt. spot, Black and 360s., e.i.f.

Peppermint Leaves. — Duto 1s. 9d. to 2s. 2d. per lh., c.i.f. Dutch whole

PIMENTO.—Spot, 590s. ewt.; shipment, 540s., f.o.b.

PODOPHYLLUM.—Emodi, 190s. per cwt., spot. Peltatum, 375s.

Pyrethrum.—Extract, minimum 25 per cent. w/w pyrethrins, 75s. per lh. for small

QUILLAIA. - Spot nominal; shipment, 122s. 6d. per cwt., e.i.f.

RHUBARB. — Chinese small rounds from 5s. 9d. to 6s. 9d. pcr lb. on the spot.

SAFFRON.-Mancha selecta, 147s. 6d. per

SARSAPARII.LA. — Jamaican native red spot, 2s. 9d. per lb.; shipment, 2s. 3d.,

SEEDS. — (Per ewt.). ANISE.—Spanish, 190s., duty paid. CARAWAY.—Dutch unchanged at 165s., duty paid. CELERY. — Indian quoted at 142s. 6d. spot, and shipment, 141s., c.i.f. CORIANDER.—Morocean. spot easier at 117s. 6d., duty paid; shipment, 107s. 6d., c.i.f. Rumanian now quoted at 105s., c.i.f. CUMIN.—Indian, 180s.; Iranian, 185s. duty paid; shipment, Indian easier at 150s., c.i.f. DILL.—Indian offering at 100s., spot; shipment now 87s. c.i.f. FENNEL.—Chinese, 105s., duty paid; Indian, 115s. FENUGREEK. — SEEDS. - (Per ewt.). ANISE.-Spanish, now 87s.. c.i.f. FENNEL.—Chinese, 105s., duty paid; Indian, I15s. FENUGREEK. — Moroccan spot 70s., duty paid sellers; shipment, 54s., e.i.f. MUSTARD.—English, 77s. 6d. to 95s., according to quality.

SENEGA.—Spot, 21s. 6d. per lb.

SENNA. — Tinnevelly LEAVES, prime No. 1, 1s. 6d. per lb., f.a.q.; No. 3, 9d. Pods: Manufacturing (f.a.q.), 9d. and hand-picked, 1s, 5d. to 1s. 10d. Alexandria Manufacturing, 1s. 6d.; new erop hand-picked, 4s. 6d. to 6s.

SHELLAC.—F.O.T.N., 202s. 6d. per cwt.; No. I, 225s.; F.O., 235s. to 285s., spot.

SLIPPERY ELM.—Bark, 3s. 6d. lb., landed value.

STRAMONIUM. — Indian LEAVES 60s, per cwt., spot. Dutch 0.5 per cent. alkaloid 93s., e.i.f.

STYRAX. — Spot, 29s. per lb., shipment, 26s., c.i.f.

Tonquin Beans,—Para spot, 7s, 3d, per lb. Shipment nominal. Angostura 11s,

Tragacanth. — No. 1 ribbon. £145 to £150 per cwt. No. 2, £135 to £140.

TURMERIC.—Madras finger on spot is 110s. per cwt.; shipment, 90s., c.i.f.

Valerian root.—Spot: Belgian, whole (max. 2½ per cent. sand) for prompt shipment, 145s., c.i.f. Dutch old crop cleared.

Vanillin.—Rates (per lb.) are now:— 5-cwt. lots, 22s. 3d.; 1-cwt., 22s. 6d.; 56-lb., 22s. 9d.; small quantities, 23s.

Waxes. — (Per cwt.). Bees'.—Dar-es-Salaam, spot, 470s.; shipment, 445s. c.i.f., nominal. Abyssinian, spot 390s. in bond; shipment 387s. 6d., c.i.f. Benguela, shipment, 380s., c.i.f. Sudanese, spot, 425s.; shipment, 380s., c.i.f. Candelllla, spot, 475s. Carnauba, fatty grey, spot, 500s.; shipment, 482s. 6d., c.i.f.; prime yellow, spot, 740s.; shipment, 685s. c.i.f. WAXES. - (Per cwt.). BEES'.

WITCH HAZEL LEAVES .- New-crop nominally, 4s, per Ib.

Essential and Expressed Oils

Anise.—Chinese, 6s. 7d. per lb., spot; shipment, 6s. 4d., c.i.f.

BAY. — West Indian, 13s. 6d. per lb. nominal.

Bergamor.—Spot, from 72s. 6d. per lb. CADE: - Spanish, 3s. 6d. per lb. for drum lots.

Cananga.—Spot. from 38s, per lb.

Cassia. — Smalls, 18s. 6d. per lb. for 80-85 per cent.

Castor.—Home produced B.P. oil, spot, £157 per ton naked ex mill (2-ton lots).

CELERY SEED. - Dutch oil, 90s, per lb. and Chinese, 65s.

CETRONELLA. — Ccylon, spot, 6s. 6d.; shipment, 6s. 4d. per lb., e.i.f. Formosan, spot, 8s., in bond; shipment, 8s., e.i.f.

Clove.—Madagascar leaf, spot, 7s. 6d. per lb., duty paid; shipment, 6s. 7½d., c.i.f. Rectified 87–88 per cent., 12s. Distilled bud-oil, English, B.P., 30s. to 31s.

CUBEB.—Small spot supplies of imported arc 65s. per lb.; English, 90s.

DILL.—Imported, 30s. per lb., spot.

EUCALYPTUS.—Australian 70 to 75 per cent. cuealyptol on the spot is 5s. 3d. per lb.; 80–85 per cent., 5s. 6d. Spanish, 3s. to 3s. 6d. spot. Chinese 3s. 3d., duty paid.

FENNEL.—Spanish sweet, spot, 10s. per lb. GERANIUM.—Bourbon, 135s. per lb. on the spot: Algerian, 135s.

GINGER.—Imported: Jamaican, 130s. per lb.; Chinesc, 72s. 6d., duty paid.

JUNIPER. — B.P.C. 1949 oil is from 15s. per lb. on the spot. English-distilled, 150s. JUNIPER WOOD, from 5s.

LAVANDIN.—Spot from 7s. per lb. for original drums.

LEMON.—Californian cold-pressed from 12s. 6d. per lb., spot; Sicilian, 29s.

LEMONGRASS.—Spot, 14s. 4½d. per lb., nominal and shipment, 14s. 3d., e.i.f.

NUTMEG.—Imported B.P. oil is from 50s. 90s. per lb. as to source. English-distilled, 140s.

OLIVE. — Spot, 19s. 6d. to 20s. 6d. per gall, in drums ex wharf, London.

OTTO OF ROSE.—Bulgarian, 400s. per oz. Turkish, £350 per kilo.

PATCHOULI. — Penang is 40s., duty paid and 37s. 6d., c.i.f., per lb.

PEPPERMINT. — Arvensis: Chinese spot, cleared; c.i.f., 37s. 6d. Brazilian, afloat, 17s., e.i.f.; new-crop 16s. 6d., c.i.f. Piperita: Italian "Mitcham-type" nominally 55s. per lb., c.i.f., for new crop; spot, 60s. American from 27s. 6d. to 35s. per lb. as to make.

Pimento. — English-distilled berry 167s. 6d. pcr lb.; imported, 77s. 6d. Rectified leaf, 27s. 6d. per lb. for small lots.

ROSEMARY.—Spanish is 7s. 6d. per lb. on the spot for best quality.

RUE.—Spanish is 25s. per lb. spot.

Sandalwood.—Mysorc 150s. to 155s, per lb. East Indian 150s.

Sassafras.—Brazilian is from 3s. 6d. per lb., duty paid.

THYME.—B.P.C. oil 9s. 6d. per lb., on the spot.

VETIVERT.—Bourbon spot, 115s. to 120s. per lb.; shipment, 113s., e.i.f.

YLANG YLANG.—Spot, 37s. 6d. per Ib.

UNITED STATES REPORT

NEW YORK, JANUARY 31: VANILLA BEANS eased again to make the Bourbons \$7.25 a lb., down 25 cents, and the Mexicans, \$7.50, down 50 cents. ELEMI rose three cents to 28 cents. A considerable amount of buying interest was currently being shown in Bourbon GERANIUM OIL but prices of this and other oils were fairly stable.

NOTES ON NEW MEDICAMENTS

ADCORTYL-A.—Chemistry: Triamcinolone acctonide, or 9 α -fluoro-16 α . 17 α -isopropylidene-dioxy-delta-hydrocortisone. The compound is chemically related to the natural corticosteroids, but is more potent. The intra-articular injection is almost entirely local in action. Triamcinolone acetonide for topical application is also available as Adcortyl-A lotion, ointment and spray, and as Ledercort acetonide cream and ointment.

DANERAL.—Chemistry: 1-phenyl-1-pyridyl-(2)-3-dimethylaminopropane p-aminosalicylate. It is a powerful antihistamine, characterised by high potency, prolonged activity, and few side effects, and was originally investigated under the name Avil. The base is also known as pheniramine, and the maleate is present in Trimeton. The p-chloro derivative of pheniramine has similar properties, but is effective in lower doses, and as the hydrogen maleate is marketed as Piriton.

HP ACTHAR GEL, CORTICO-GEL, CORTRO-ZN. - The standard injections of A.C.T.H., the adrenocorticotrophic hormone, have an action lasting from 6-8 hours, and many attempts have been made to extend the effect. An early product, analogous to a longacting insulin, was a protamine-zinc complex of corticotrophin. In Cortrophin Z.N., the hormone is adsorbed on zinc hydroxide, and the product has both a rapid onset of action and a prolonged duration of effect. An alternative method of extending the action is to dissolve the ACTH in a viscous medium such as hydrolysed gelatin, and Acthar-Gel and Cortico-Gel are preparations of that type. Acthar, cortlcotrophin (Crookes) and Cortrophin are freeze-dried, water-soluble preparations of the hormone.

INAPASADE. — Constituents: Sodium aminosalicylate and isoniazid. The gastric discomfort assoclated with the necessary high doses of sodium aminosalicylate led to the introduction of Pasade, in which the drug was exhibited as granules using a special fatty base. That presentation has been extended to permit combined therapy with isoniazid. Other combined products are represented by Pasinah, Duosan, Pycamisan, Nisapas and Carbopas. Dipasic contains the aminosalicylate of isonicotinic acid hydrazide; Therazid and B-Pasinah contain isoniazid with calcium benzamidosalicylate.

LINOSCI ERIN. - Constituents: ethyl linoleic acid, pyridoxine hydrochloride and alpha-tocopherol acetate. A deficiency of unsaturated vegetable oils in the diet is considered to be related to the high blood level of cholesterol associated with atherosclerosis. Administration of linoleic acid and its congeners reduces that level, and the action is potentiated by pyridoxine. Alpha-tocopherol is included as it can inhibit the oxidation of unsaturated fatty acids, Arcofac is formulated on similar lines, and is available as an emulsion containing essential fatty acids, pyridoxine, and mixed tocopherols. Lipostabil contains soya bean phosphatides with pyridoxine. Other substances that have a lowering action on blood cholesterol levels are triparanol (M.E.R. 29) and nicotinic acid.

MODITEN.—Chemistry: 4-(3-(2-(trifluoromethyl)10-phenothiazinyl-) propyl)-1-piperazine-ethanol
dihydrochloride, also known as fluphenazine.
It is related to the promazine-derived tranquillisers generally, and to perphenazine in
particular. It differs from that drug by the
exchange of the chlorine atom of the nucleus
for a trifluoromethyl group [CF₃]. That change
in structure is associated with a marked increase
in activity—fluphenazine is considered four
times as active as perphenazine (Fentazin).
Another compound containing the [CF₃] group
is trifluoperazine (Stelazine); other compounds
containing a piperazine side chain are thiopropazate (Dartalan) and prochlorperazine
(Stemetil).

S7. — Chemistry: bis-(2-hydroxy-5-chlorophenyl) sulphide. The compound is active against a number of gram-positive and gram-negative pathogens, and also against the fungi associated with common mycotic infections of the skin. It is not irritant, and formulations are available for application to mucous mem-

branes. Other compounds used in cutaneous moniliasis and associated conditions have a diversity of chemical structure; representative compounds are Episol (5-chloro-2-diethyl amino ethoxyphenyl benzthiazole), Glyped (glyceryl triacetate), Mycil (chlorphenesin), the organic mercurials represented by Penotrane, and an extensive range of products based on undecenoic acid.

TRANSID.—Chemistry: A long-chain polymer of amino-styrene. Such polymers, though normally only weakly alkaline, have a high potential acid-binding power by virtue of the amino groups, which act as acid receptors. In the stomach, excessive hydrochloric acid of the gastric juice can be removed as an insoluble polyaminostyrene-acid complex. The acid is released again in the alkaline secretion of the duodenum, so that there is no loss of ions from the body and no risk of alkalosis. The now discontinued Styrion was also based on polyaminostyrene. Other antacids also designed to reduce or prevent alkalosis or excessive reduction in gastric acidity are aluminium hydroxide gel (Aludrox, Alimex, Alumigel), aliminium phosphate gel (Aludrox, Alimex, Alumigel), aliminium phosphate gel (Aludrox, dibydroxy-

aluminium aminoacetate (Prodexin) and magnesium trisilicate.

TUMESON.—Constituents: Prednisolone and a sulphonated distillate of bituminous shale tar oils. The anti-inflammatory action of prednisolone is well-known, and bituminous shale oil products are known to have an antipruritic action. Together it is said that the complementary pharmacological actions result in an improved clinical response. Tarcortin contains hydrocortisone with a coal tar extract.

WESCODYNE. — Chemistry: A mixture of a polyethoxy - polypropoxy - polypropoxy - polyethoxy - ethanol/iodine complex and a nonylphenoxy-polyethoxy-ethanol/iodine complex in an acid solution. This type of complex is known as an iodophor, in which elemental iodine is loosely bound or complexed with wetting agents as carriers or solubilisers. The addition of acid increases stability under certain conditions. With a suitable carrier (and the choice is important) the iodine is solubilised as a relatively stable colloid complex. On dilution, as directed, the iodine is slowly released from the complex; the gradual loss of iodine colour on deterioration of such solutions makes them self-indicating. The product is used for general disinfecting purposes.

NEW U.S. DRUGS

Evaluated by the American Medical Association Council on Drugs

DEMECARIUM BROMIDE (Humorsol). Chemically: Decamethylenchis - (m - dimethyldimethobroaminophenyl-N-methylearhamate) mide, A potent cholinesterase inhibitor useful in the management of glaucoma and accommodative esotropia. Its potency and toxicity arc similar to other long-acting cholinesterase inhibitors such as isoflurophate and echothiophate. It is contraindicated in narrow-angle glaucoma and in glaucoma secondary to iritis. There is little justification for its use in patients in whom less toxic agents yield satisfactory results. Care should be taken to detect any transient rise in intraocular pressure, systemic absorption of the drug, or development of iris cysts, Administration is by local instillation into the conjunctival sac. Optimal dosage in glaucoma varies from one or two drops twice weekly to one or two drops twice daily. In the management of esotronia, dosage should not exceed one drop at a time. Available as a 0.25 per cent. ophthalmic solution. Commercial source: Merck Sharp & Dohme, division of Merck & Co., Inc., Philadelphia, Pa.

ECHOTHIOPHATE (Phospholine iodide). — Chemically: O,O-Diethyl S-(2-dimethylaminocthyl)-phosphorothiolate methyliodide. A longacting cholinesterase inhibitor, uscful in the management of glaucoma; similar to isoflurophate in efficacy and side effects, but more stable in aqueous solutions, Instillation into the conjunctival sac leads to intense miosis, which develops within 10-45 minutes and persists for one to four weeks. Aqueous outflow

is increased from both normal and glaucomatous eyes, causing reduction in intraocular tension. One drop of 0·06-0·125 per cent. soliton, daily or on alternate days, usually elicits a satisfactory response. Available as 6·25 or 125 mgm. of powder, issued with isotonic diluent, for extemporaneous preparation by the pharmacist. *Commercial source:* Campbell Pharmaceuticals, Inc., New York, N.Y.

HYDROXYZINE PAMOATE (Vistaril).-Chemically: 1, 1-Methylene bis(2-hydroxy-3-naphthalenecarboxylic acid) salt of 1-(p-chlorobenzhydryl)-4-(2-(2-hydroxyethoxy) ethyl) piperazine. It shares the actions and uses of oral hydroxyzine hydrochloride. Accordingly, its central depressant action is utilised clinically in the treatment of psychoneuroses characterised anxicty and apprchension, and its antihistaminic action in the treatment of certain allergic dermatoses, including acute and chronic urticaria. When administered orally, hydroxyzine pamoate sustained therapeutic effects than the hydrochloric acid to hydroxyzine hydrochloride. The claim that hydroxyzine pamoate produces more sustained therapeutic effects that the hydrochloride lacks adequate proof. Both salts owe their effects to the antihistaminic and central depressant actions of the parent compound, hydroxyzine. Dosage is the same as, and is expressed in terms of, that of hydroxyzine hydrochloride. Available in 25, 50 and 100mgm. capsules, and suspension containing 5 mgm. per mil. Commercal source: Pfizer Laboratories, New York, N.Y.

WILLS

MRS. J. R. ALDERSON, wife of MR. H. G. ALDERSON, M.P.S., 146 Regents Park Road, London, N.W.1, left £66,924 (£66,841 net).

MR. G. ARCHER, 4A Woodcote Park Avenue, Purley, Surrey (late president of Mond Nickel Co.) left £23.061 (£18.647 net).

Mr. R. H. Brown, M.P.S., 239 Church Road, Redfield, Bristol, lcft £2,417 (£2,357 net).

MRS. E. M. BUTTERFIELD, wife of MR. T. BUTTERFIELD, M.P.S., 3 Standbridge Lane, Sandal, Wakefield, lcft £7,377 (£4,496 net).

MR. H. CADDICK, 197 Heyhouses Lane, St. Annes-on-Sea, Lancs (late joint managing director of W. Neill & Son (St. Helens), Ltd.) left £12,676 (£12,397 net).

MR. I. W. H. EDWARDES, Orchardleigh, Kirkburton, Huddersfield, Yorks (proprietor of J. Edwardes & Co.), left £50,605 (£49,916 net).

SIR HARRY HAGUE, The Chantry, Elstree, Herts (late managing director, A. Wander, Ltd., former chairman of the Industrial Orthopædic Society), left estate in Great Britain valued at £321,520 (£298 030 net).

Mr. T. Harrison. M.P.S., 9 High Street, Tadcaster, Yorks, 1cft £10,807 (£10,718 net).

MR. F. C. Jones, 20 East Lodge, Lancing, Sussex (former chairman, Reliance Rubber Co., Ltd.), left £5,230 (£5,084 net).

MR. J. LOUDEN, L.P.S.I., I Bridge Street, Donaghadee, co. Down, left personal estate in England and estate in Northern Ireland valued at £2.886.

MR. W. A. MURPHY, M.P.S.N.I., Killane Road, Limavady, co. Londonderry, left personal estate in England and Northern Ireland valued at £5.014.

MR. E. D. OWEN, M.P.S., 5 Sycamore Road, Middlesbrough, Yorks, left £8,589 (£8,495 net).

MR. W. G. OWEN, M.P.S., The Emlyn Pharmacy, Newcastle-Emlyn, Carm., left £6,515 (£6,480 nct).

Mr. J. Selby, M.P.S., 123 Yarm Road, Eaglescliffe, co. Durham, lcft £1,140 (£1,057 net).

MR. ERNEST SYKES BURY, M.P.S., 7 George's Road, Sale, Cheshire (late managing director, J. Bury, Ltd.), left £4,376 (£3,560 net).

TELEVISION

Figures in the columns represent number of appearances of the product during the week.

appearances of the prod	iuci during the weck.
February 12-18 uopuon	North Scotland Wales South N.B. Anglia
Alka-Seltzer 2	2 2 2 1 2 1 2 2
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Andrews Liver Salt - 2	2 2 2 2 2 2 1 2
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Coldrex 4 3	
Cuticura — 2	
Deep heat 1	- 2 2 2 2 3 3
Dekrasil capsules	3 3
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Phillips tonic yeast — —	1
Phillips tooth-paste — —	5
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During 1961 the television	
stead pastilles by Warrick	Bros., Ltd., is being
aupsiannally increased in th	e London area

substantially increased in the London area. **WORLD TRADE**

Trade Mission to Poland.-A goodwill trade mission from the London Chamber of Commerce is to visit Poland in February at the invitation of the Polish Chamber of Foreign Trade. The mission will seek to gain a first-hand impression of the Polish economy and the requirements of the market and at the same time demonstrate to the Poles the interest of the British businessman in Poland. Among the members of the mission are Messrs. J. C. Christopherson (Albright & Wilson, Ltd.) and H. A. Donnan (Biddle Sawyer & Co., Ltd.).

PRINT AND PUBLICITY

PUBLICATIONS **Booklets and Leaflets**

LTD., Cowick Hall, Snaith, Yorks: "Etolan non-ionic surfactants "-technical data sheet. Pp. 9.

RANK PRECISION INDUSTRIES, LTD. (cinc and ANK PRECISION INDUSTRIES, 1-TD. (cine and photographic division), Mitcheldean, Gloucs: Illustrated survey of Bell & Howell cine cameras, eine and slide projectors and accessories, May 1960, Pp. 34.

Medicat Propaganda Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists. Ay & Baker, Ltd., Dagenham, Essex; "Stemetil" (4-p. folder); "Phensedyl" (blotter); "For acute infections . . . Sulphatriad, Penvikal, Penitriad (4-p. folder); "Planldets" (information card); "Avomine for travel sickness . . . can now be sold over the counter without a prescription " (leaflet directed to pharmaeists); "Planidets " (leaflet).

PARKE, DAVIS & CO., LTD., Staines Road, Hounslow, Middlesex: "Vanquin suspension," "Vi-Siblin," "Yellow oxide of mercury eye ointment, I per cent.," "Zarontin capsules" (information leaflets).

RIKER LABORATORIES, LTD., Loughborough, Leics:

"Duromine" (16-p. booklet); "Vandid"

(12-р. booklet and information card). E. R. SQUIBB & SONS, LTD., Edwards Lane, Speke, Liverpool, 24: "Moditen medical press kit " (5-p. folder).

PABYRN LAHORATORIES, Greenford, Middlesex: "Aminosol Vitrum, Aminosol-Glucose Vitrum, Aminosol-Glucose-Ethanol Vitrum . . . amino acids for parenteral and oral nutrition" (information card).

Sirect, London, W.1 (for Schering, A.G., Berlin, Germany): "Flurymal" (information card); "Metropathia harmorrhagica — a new treatment . . . Primolut N," "Premenstrual tension—a new treatment . . . Primolut N," "Menorrhagia—a new treatment . . . Primolut N " (4-p. folders); "Primolut N," "Scheriproct" (information cards and blotters); "Primodos for early diagnosis of pregnancy " (4-p.

ROCHE PRODUCTS, LTD., 15 Manchester Square, London, W.1: "Respiratory tract infections . . . Madribon " (12-p. booklet); "Roche vasodilators . . . Ronicol and Ilidar " (8-p. booklet): "Questions and answers on Taractan -the first broad-spectrum psychotropic drug ** (4-p. folder).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor uot later than first post ou Wednesday of the week of insertion.

Monday, February 6

HENDON AND EDGWARE BRANCH, PHARMACEUTICAL Society, Hendon Hall hotel, Ashley Lane, London, N.W.4, at 8 p.m. "Brains Trust," Speakers: Messrs, F. Anderson, H. Grainger, and H. Noble; Dr. M. Latner.

NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY, North Stafford hotel, at 7.45 p.m. Mr. A. R. Mountford (assistant curator, City museum) on "Recent Excavations in North Staffordshire."

OLDHAM BRANCH, PHARMACEUTICAL SOCIETY, Greaves Arms hotel, at 8 p.m. Meeting.

SOCIETY OF CHEMICAL INDUSTRY, LONDON SEC-TION, John Adam Street, London, W.C.2, at 6 p.m. Cantor Lecture, "The Modern Chemical Industry in Great Britain," by Dr. J. Taylor (Imperial Chemical Industries, Ltd.).

SOCIETY OF INSTRUMENT TECHNOLOGY, Manson House, 26 Portland Place, London, W.1, at 6.30 p.m. Prof. J. E. Parton on "The Universal Decision Element."

Tuesday, February 7

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Imperial hotel at 8 p.m. Mr. H, W. Tomski on "The Economics of Pharmacy."

CITY OF LONDON COLLEGE, Moorgate, London, E.C.2, at 5.45 p.m. Mr. A. C. McKenzie on "Opportunities for Trade in Latin America."

COVENTRY AND WARWICKSHIRE BRANCH, PHARMA-CEUTICAL SOCIETY, lecture theatre, Herbert art gallery, at 8 p.m. "Pharmacy as a Career" (schools' session) and Mr. J. C. Bloomfield (a member of the Society's Council) on "Is the Council always Right?"

HARROGATE BRANCH, PHARMACEUTICAL Blue Bird café, Parliament Street, Harrogaic, at 7.30 p.m. Mr. A. D. O. Buckle on "Fire Hazards and Prevention."

LIVERPOOL BRANCH, GUILD OF PUBLIC PHARMA-CISTS, Birkenhead General Hospital, at 6,30 p.m. Miss E. Dobie on "Trip to South Africa, 1959," and Mr. W. E. Court on "Recent Amendments on Poisons Legislation."

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDI-CINE, Keppel Street, London, W.C.1, at 5,30 p.m. Professor R. Knox on "Contrasting Patterns of Drug Resistance in Tubercle Bacilli and Staphylococci,"

NORWLIA BRANCH, PHARMACEUTICAL SOCIETY, Assembly House, Theatre Street, Norwich, at 7.30 p.m. Dr. S. J. Corne on "Drug Addiction.

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Black Boy hotel, at 7.30 p.m. Film show.

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP, 14 Belgrave Square, London, S.W.I. at 10.30 a.m. Group meeting. "Alternative Nitrogen Fertilisers."

STOCKPORT BRANCH, PHARMACEUTICAL SOCIETY, Warren Bulkeley hotel, Warren Street, at 8 p.m. Mr. E. N. Pullom (editor, Pharmaceutical Journal) on "Our Journal."

Wednesday, February 8

CHESTERFIELD BRANCH, PHARMACEUTICAL SOCIETY. Station hotel, at 8 p.m. Film evening, introduced by Mr. D. V. Taylor (Glaxo Labora-

DURHAM BRANCH, PHARMACEUTICAL SOCIETY, Three Tuns hotel, New Elvet, Durham, at 7.45 p.m., Mr. W. Aitken on "Wines and the Wine Trade."

ENFIFED CHEMISTS' ASSOCIATION, Firs hall, Green Lanes, Winchmore Hill, London, N.21, at 7.30 p.m. Supper dance.

GLASGOW AND WEST OF SCOTLAND BRANCH, PHAR-MACEUTICAL SOCIETY, Craig's restaurant, 142a St. Vincent Street, Glasgow, C.2, at 7.45 p.m. Mr. C. C. Stevens on "The Pharmacist and Common Law.'

SOUTH SHIELDS PHARMACISTS' ASSOCIATION, Hedworth hall, Dean Road, South Shields, at 7.30 p.m. Annual dinner and dance.

TIONBRIDGE WELLS PHARMACEUTICAL ASSOCIATION,
Spa hotel, at 8,30 p.m. Buffet dance.
WESTERN PHARMACISTS' ASSOCIATION AND CHELSEA SCHOOL OF PHARMACY STUDENTS' ASSOCIA-TION, at Chelsea School of Pharmaey, Manresa Road, London, S.W.3, at 7.30 p.m. Joint meeting, Mr. II. Treves Brown on 'Pharmaceutical Patents and Trade Marks."

Thursday, February 9

Bedfordshire Branch, Pharmaceutical Society, Sun hotel, Hitchin, Herts, at 7.45 p.m. Mr. J. W. Hadgraft on "Pharmaceutical Aspects of Dermatology."

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Griffin hotel, at 8 p.m. Mr. J. Farrer Barnes (a member of the Society's Council) on "Education and Ethics."

READING BRANCH, PHARMACEUTICAL SOCIETY, Reading Liberal Club, at 7.30 p.m. Photographic competition.

SUNDERLAND BRANCH, PHARMACEUTICAL SOCIETY, museum room, Sunderland Teehnical College, at 7,30 p.m. Mr. G. Ash (Kodak, Ltd.), on "Composition and Colour."

Advance Information

BIENNALE INTERNATIONALE PHOTO-CINEMA-OPTIQUE, Grand Palais, Paris, France, November

PHARMACY STUDENTS' ASSOCIATION, BRADFORD INSTITUTE OF TECHNOLOGY, Fountain Hall, Bradford, at 7.30 p.m. February 15, Annual dinner

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED From the "Official Journal (Patents)," January 25

3-mercapto-phenthiazine derivatives and salts thereof. Sandoz, Ltd. 863,546,

3-mercapto-phenthiazine, Sandoz, Ltd. 863,547. Steroids and the manufacture thereof, Upiohn Co, 863,710.

Griseofulvin preparations. Glaxo Laboratories, Ltd. 863,342.

Manufacture of piperazo-(c)-pyridazines. CIBA, Ltd. 863.217.

Compositions of vinyl polymers. General Anilin & Film Corporation, 863,379.

Acylpipidines. CIBA, Ltd. 863,715.

3-mercapto-phenthiazine derivatives and their pre-paration, Sandoz, Ltd. 863,549.

N-Dimethyl-2-Phenyl-2-benzayloxymethyl-butylamine, Lepctit S.p.A. 863,223.

Pharmaceutical compositions comprising 2-phenylbenzamlde and derivatives thereof. Imperial Chemical Industries, Ltd. 863,719,

Steroids and the manufacture thereof, Unjohn Co. 863,661, 863,662.

2-acyl-phenol ethers. K. Thomae Amino, GmbH 863 702

Agent for softening callous skin, Spezialchemie, G.m.b.H, 863,538.

Sulphonyl-ureas and preparations containing them. Farbwerke Hoechst A.G. 863,451,

3-mercapto-phenthiazines. Sandoz, Ltd. 863,550. 3-mercapto-phenthiazine derivatives and salts thereof. Sandoz, Ltd. 863,551, 863,552,

Process of mechanically rendering starch capable of swelling in cold water, O. J. Mcijer's Fabrieken Voor Verpakte Artikelen N.V. 863,574.

Blood plasma substitutes. Kyosei Sciyaku K.K. 863 544

Morpholino and piperidino polysulphides selenides and/or tellurides. B. F. Goodrich Co. 863,577, Apparatus for culture of biological cells and tissues. National Research Development Corporation, 863,707,

Process for the preparation of previously unknown mercapto phenothiazine derivatives substituted in the 3-position. Sandoz, Ltd. 863,548, Production of tetracyclines from 5a (11A)-dehydro-

tetracyclines. American Cyanamid Co. 863,418. 5a (11A)-dehydrotetracyclines and the 4-epimers thereof. American Cyanamid Co. 863,419.

Preparation of tetracycline, 4-epitetracycline and 5a-epitetracyline, American Cyanamid Co. 863,420.

Tetrahydropapaverine derivatives and their preparation. Allen & Hanburys, Ltd. 863,717.

Benzothiadiazine derivatives and their preparation. K. Abildgaard (trading as Lovens Kemiske Fabrik Ved. A. Kongsted). 863,474.

Purifying piperazines by distillation. Wyandotte Chemical Corporation, 863,498,

Organic compounds related to heparin, Uclaf. 863,235.

Piperazine derivatives and process of preparing same. Abbott Laboratories. 863,236.

Method of producing bis-(carboxyphenyl)-alkanes.

American Cyanamid Co. 863,423. Hydroxy-alkyl-4-piperazinyl-alkyl-thiaxanthenes. C. Pfizer & Co., Inc. 863,699.

Aryl ether compounds and means of obtaining

same. University of Kansas Research Foundation, 863,197, Acylphenothiazines. G. D. Scarle & Co. 863,243.

Formaldehyde, Borden Co. 863,687. Steroids and the manufacture thereof. Upjohn

Co. 863,489, 863,313. Cyclopentanophenanthrenes. Ormonoterapia Rich-

ter S.p.A. 863,400. Steroids. Ormonoterapia Richter S.p.A. 863,522.

Thiol-sulphoxides, their preparation and use as intermediates. Fisons Pcst Control, Ltd. 863.370.

Organic phosphorus compounds and process for their manufacture, CIBA; Ltd. 863,380.

Phosphonic and thiophosphonic acid esters. Farbenfabriken Bayer, A.G. 863,434.

Granular fertilisers. Imperial Chemical Industries,

Ltd. 863,387.

Substituted urea derivatives, processes of preparing them and herbicidal compositions containing them. J. R. Geigy A.G. 863,443.

Salts of aminoethyl dithiocarbamic acid. Chemische Werke Albert, 863,252,

Sanitary napkins. E. V. Poulsen, 863,582, Personal

ersonal sanitary convenience for male us A. J. W. Axford and E. Wadkins, 863,295, British patent specifications are obtainable (price 4s. cach) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," January 4

For suppositories (5)

SUPPULES, 804,665, by Boots Pure Drug Co., Ltd., Nottingham,

From the "Trade Marks Journal," January 11 For non-medicated toilet preparations; paintremoving compositions; detergents and degreasing liquids and preparations (none being for use in industrial and manufacturing processes); all being products derived from petroleum, and being goods for sale in the United Kingdom and for export except to Fiji Islands, Cook Islands, Tonga Islands, Samoa Islands and British Somaliland (3) Device with letters BP, 785,287, by British

Petroleum Co., Ltd., London, E.C.2.
For lotions for use in the permanent waving of

hair (3)

FLAIR, 794,699, by Charles Bedeman, Ltd., London, S.E.15.

For perfumes, non-medicated toilet preparations and cosmetics, hair lotions, soaps and dentifrices (3)

PARTNER. 798,313; by Société Technique de Parfumeric "F. Millot," Paris, France.

For preparations for imparting a gloss to the coats of animals, being for use by spraying (3) Device with word GROOM, 795,916, by Walter

Gregory & Co., Ltd., Wellington, Somerset. For soaps and shaving cream, all containing antiseptics (3)

T.C.P., 800,787, by British Alkaloids, Ltd., London, E.C.2.

cosmetic preparations and non-medicated toilet preparations (3)
VORO, 803,451, by Voigt & Co., A.G.,

Romanshorn, Switzerland.

For all goods (3)

PARICAN, 811,513, by C. H. Boehringer Sohn, Ingelheim on Rhine, 22b, Germany, TOPAZE, 809,846, by Avon Cosmetics, Ltd., Northampton and London, W.1.

For non-medicated toilet preparations, cosmetic preparations and preparations for the hair (3) CICADE, 811,772, by Hans Schwarzkopf, Hamburg-Altona, Germany.

For medicines containing bees' products (5) APIFORTYL, 792,804, by Heinrich Mack Nachf, Au bei Illertissen, Germany.

For pharmaceutical preparations for use as anticoagulants (5)

LIOTROMBIN, 801,599, by Boots Pure Drug

Co., Ltd., Nottingham.
For mineral salts for pigs (5)

MIXOMIN, 802,726, by William Morgan Davies, Hereford.

For pharmaceutical and sanitary substances and preparations; and disinfectants (5)

SELVIGON, 805,487, by Chemiewerk Homburg Zweingniederlassung der Deutschen Gold-und Silver-Scheideanstalt vormals Roessler, A.G., Frankfort/Main, Germany.

For cotton wool for pharmaceutical purposes (5) WHITE CLOUD, 807,125, by Boots Pure Drug Co., Ltd., Nottingham.

For pharmaceutical preparations and substances for human and veterinary use; and sanitary substances and disinfectants (5)

OCTOFAS, 807,955, TREPOMIN, 808,296, by Imperial Chemical Industries, Ltd., London, S.W.1.

For all goods (5)

SUXIMAL, 808,810, by Parke, Davis & Co., Detroit, 32, Michigan, U.S.A., and Hounslow, Middlesex. NUFELAID, 810,903, by Hoechst

Pharmaceuticals, Ltd., Slough, Bucks.

For plarmaceutical products in tablet form (5)

LATAB, 809,727, by American Home Products Corporation, New York, U.S.A.

For disinfectants, veterinary preparations, insecticides, fungicides, larvicides, germicides and pre-parations for killing weeds and brushwood (5) ZELMONE, 810,809, by Burt, Boulton & Hay-

wood, Ltd., London, W.C.2,

For medicines and pharmaceutical products for human and veterinary use (5)

DURADEXON, 811.018, by Organon Laboratories, Ltd., London, W.C.2.

For perfumed disinfectants for use in spraying (5) SIMZOL, 811,555, by H. & M. E. Simm, Wigan, Lancs,

For nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signalling, checking (supervision) and teaching apparatus and instruments, etc. (9) Device with word PHILIPS, 796,503, by Philips

Electrical, Ltd., London, W.C.2. or photographic and cinematographic cameras,

and parts and fittings (9)
CLASTON, 807,991, by Apparatus & Instrument Co., Ltd., Hounslow, Middlesex.

For sun glasses (9) SOLABRA, 808,945, by L. Braun, Ltd., London, E.C.2.

For electrical apparatus; photographic and cinematographic apparatus; films prepared for exhibition; and talking machines (9)

THEATRAMA, 809,098, by Michael Haslam Mills, Hindhead, Surrey,

For photographic, cinematographic, and optical apparatus and instruments; and parts and fittings

CHELICO, 809,752, by Mayfair Photographic Suppliers, London, N.W.3.

For spectacles and spectacle cases (9)

CASCO, 811,596, by United Kingdom Optical Co., Ltd., London, N.W.7.

For medical apparatus for dispensing pharmaceu-

tical preparations for the relief and treatment of respiratory disorders (10)

RESPIRAN, 810,755, by Anestan, Ltd., London. W.1.

For cotton wool (not for pharmaceutical purposes) (22)

WHITE CLOUD, 807,126, by Boots Pure Drug Co., Ltd., Nottingham,

From the "Trade Marks Journal," January 18 For all goods (3)

BRENTETTE, 798,598, by Brentford Soap Co.,

Ltd., Brentford, Middlesex. For perfumes, non-medicated toilet preparations,

cosmetic preparations, rouge, toilet soap, essential oils, eau de Cologne, brilliantine, hair lotions, dentifrices (3) RENCONTRE, 801,310, by Roger & Gallet,

Paris, 8e, France. For perfumes, eau de Cologne, cosmetic prepara-

tions (not being toilet preparations), volatile oils, and perfumed soaps (3)

Device, 785,987. by Johann Maria Farina gegenüber dem Jülichs-Platz, Cologne, Germany.

For perfumes, cosmetic and non-medicated toilet

AVON NET, B795,498, by Avon Products, Inc., New York, U.S.A.

CONTEMPORARY THEMES *

Antibiotics and the common cold. Lancet, Janu-

Two New AMINO-SUGARS from an antigenic poly-saccharide of pneumococcus, Nature, January 28.

O-DEMETHYLATION as a biosynthetic pattern in the formation of opium alkaloids, Nature, January 28.

D-LYSERGIC ACID METHYL CARBINOLAMIDE, some pharmacological actions of, Nature, January 28. Depression, drugs in the treatment of, Brit. med. J., January 28.

PERNICIOUS ANÆMIA, oral treatment of, Brit. med. J., January 28.

AGRANULOCYTOSIS after imipramine and meprobamate, Brit. med. J., January 28.

PHENOTHIAZINE. The effect of purity and "dose area" on its anthelmintic efficiency in sheep, Vet, Rec., January 28.

CANNABIS as a medicament, Bull. Narcot., July-September 1960.

TURKISH OPIUM, Bull. Narcot., July-September

NARCOTIC DRUGS in 1959, scientific publications on, Bull, Narcot., July-September 1960.

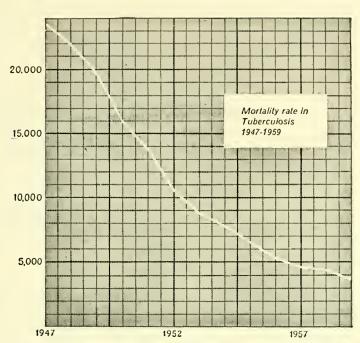
INTOXICATION, chemical tests for, Criminal Law Review, January-February.

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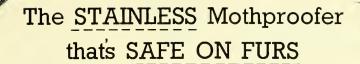
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FOR MORE GENEROUS TRADE TERMS THAN EVER BEFORE

PLUS SPECIAL BONUS OFFER

Supported by a NATION WIDE ADVERTISING campaign in News of the World, Daily Express, People, Woman and Daily Mirror plus



THERE'S MORE IN IT FOR YOU (and your customers)

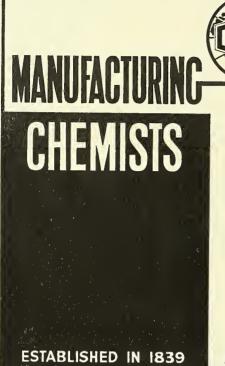
Sole Manufacturer: DAVID REID LTD.

For full details ring FULham 9199, or

SEND OFF THE COUPON TODAY

10: DAVID REID, LID, Avonmore Roa	ta, London, W.14.
Please send me details of Mothdoom trade terms of	and Special Bonus offer.

ADDRESS



Over a century ago Arthur Cox & Co. recognised the need of establishing and developing a very rigid form of control to ensure the maintenance of the highest possible degree of quality in

pharmaceutical preparations.

The COX products purchased today not only conform in every respect to official requirements but they are also subjected to a special system of checking and testing devised by our own technicians to provide a 'plus' quality.

This is made possible largely by scientific equipment operated by men of real skill and experience.

A combination of these factors gives you an unusual degree of accuracy and reliability.

ARTHUR H.COX & CO. LTD. BRIGHTON, ENGLAND.

SCENTINEL EXPANSION

The Directors of New Hygiene Limited, makers of the famous Scentinel range of air fresheners, have pleasure in announcing the appointment of Messrs Mayborn Products, Limited, to act as their agents for the distribution of Scentinel Products, to independent Chemists and Druggists throughout the United Kingdom (excluding Messrs Boots Limited and Messrs Timothy Whites & Taylors Limited, for whom special arrangements have been made).

This appointment is the direct result of the rapidly increasing demand for all Scentinel Products, and emphasises the way in which Scentinel are expanding to meet the needs of a growing market.

The excellent sales organisation of Messrs Mayborn Products Limited will ensure the individual and specialised attention which Chemists and Druggists require.

The Directors and Staff of New Hygiene Limited would like to thank all their friends in the Trade for the support and co-operation that has always been so generously extended to them, and are confident that they can look forward to the continuance of this happy relationship through Messrs Mayborn Products Limited.



B

window display competition by Record

1st PRIZE—10 DAY MAJORCAN HOLIDAY FOR TWO, OVER SIXTY OTHER PRIZES OF £50, £25, £10, £5 FOR RUNNERS-UP. Your skill can beat the rest! Start working out your ideas now!

A few straightforward rules:-

- This competition is open to any retail chemist in the U.K. No-one connected with Rexall or their advertising agents may compete, or assist in the erection of any display.
- 2 First prize will be awarded to the competitor who has, in the opinion of the panel of judges, displayed the products with the most customer-attraction and originality. All other prizes will be awarded in order of merit to the next best entries. The judges' decision is final. No correspondence can be entered into.
- Entries must be sent in a sealed envelope. Send off your photograph and entry form to Rexall Display Contest, Keymer Advertising Ltd. (Dept. A) 52 Bedford Row, London, W.C.1 to arrive not later than first post 31st March, 1961.
- All entries become the property of Rexall Drug Co. Ltd. and cannot be returned. No responsibility can be accepted for entries damaged, delayed, lost or mislaid.
- FAII prize-winners will be notified by Monday, 17th April, 1961. No claims are necessary. Results will be published in the trade journals on Friday, 28th April, 1961.

Using your ingenuity,
originality, combined
with your years
of selling-experience,
compose a window displa

of Rexall goods with

Super Plenamir

as the central feature

YOUR REXALL COMPETITION IDEAS WILL BE JUDGE!

the editors of Chemist & Druggist and Retail Chemist, the Rexall advertising manager and a senior executive from Rexall's advertising agency, Keymer Advertising Ltd.

ALL YOU DO IS THIS:

- Create an original window display for Rexall Super Plenamins, using the theme "SUMMER ZIP NOW" You may also include other Rexall products.
- Use showcards, packs—all sizes—window streamers an any decoration. Do just as you like.
- Then take a black and white photograph of your displation (preferably half plate), put your name and address of the back and fill in this entry form.

ENTRY FORM

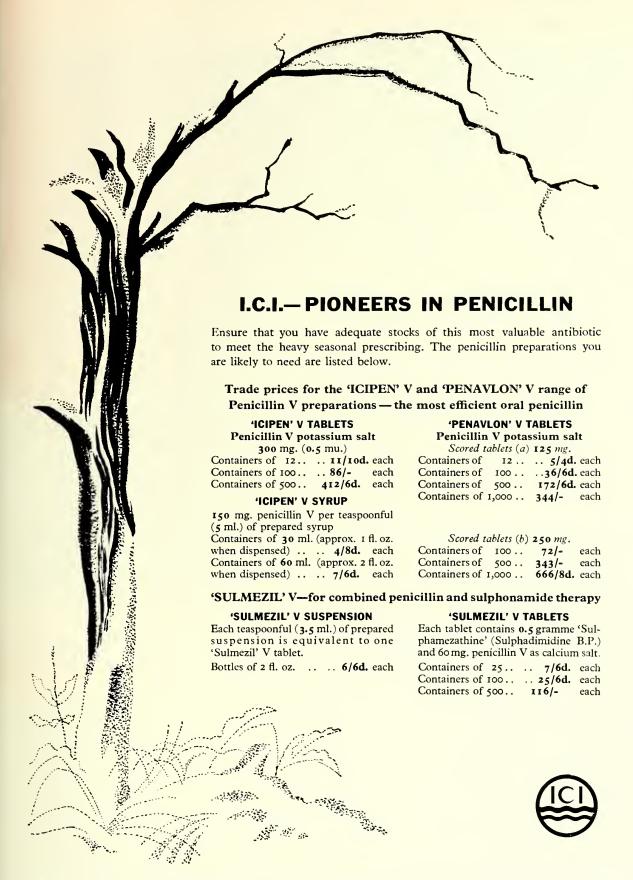
please write in ink)

- ★ I enclose my entry for the Rexall Window Display Competition.
- ★ I hereby certify that the display shown in the attached photograph has been in my window for a minimum of 7 days, week commencing Monday, 13th March, 1961.
- ★ I agree to abide by the rules of the competition and I accept the judges' decision as final.

NAME (capitals please)

ADDRESS

Send your entry to Rexall Display Contest, Keymer Advertising (Dept. A) 52 Bedford Row, London, W.C.1.



now in Fields best-selling bathtime fragrances

The new Fields perfumes and colognes
have a ready-made market — all those women who
already know and love Fields bathtime preparations.
These are their favourite fragrances,

FRENCH MOSS AND FRENCH FLOWERS

A brand new advertising campaign in the spring puts your customers-

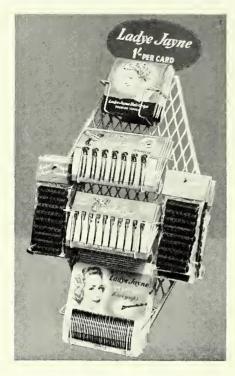
on the scent of something new

Ask our representative for details now.

STOCK UP. DISPLAY, AND-SELL!

Orders accepted at: HYDe Park 0729, SLOUGH 23971 or J. C. & J. Field Ltd., 225 Bath Road, Slough, Bucks





Mfrs: Laughton & Sons Ltd. Birmingham 14

FREE LadyeJayne

SELF-SERVICE

HAIR BEAUTY AID STAND

No. 250. This FREE Self-Service "Ladye Jayne" Hair Beauty Aid Stand attracts trade by inviting customers to make easy personal selection of items put before their vision by the effective display. The Self-Service Stand comprises a 10 dozen set as follows:

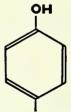
	No.	Per Doz.	lax	
2 doz. Curl Clips (double prong)	477/7	6/8	25%	13/4
2 doz. Curl Clips (single prong)	479/10	6/8	2 5%	13/4
I doz. Plastic Curl Foundations				
(small)	S7/9	8/-	Free	8/-
1 doz. Plastic Curl Foundations				
(large)	58/7	8/–	Free	8/-
3 doz. Cushion tipped Supreme	047424	4/10	300/	20//
Hair Grips	867/36 on	6/10	2 5%	20/6
1 doz. Cushion tipped Wallets	070/24		350/	/ /0
Hair Grips	870/24 on	6/8	25%	6/8
				69/10
		Purchase	Tax	13/1
TOTAL COST			£4	2 11
TOTAL RESALE VALUE	· · · · · · · · · · · · · · · · · · ·	•••	£6	0 0

ALL ITEMS RETAIL 1/- EACH ORDER FROM YOUR WHOLESALER



PARACETAMOL

The non-salycilate analgesic



NH.CO.CH

N-acetyl p. aminophenol



FINE FINE FINE

(or coarse, coarse, coarse)

With the Manesty all purpose comminuting machine many processes not previously attempted are brought to a successful conclusion. Due to the unique design of the Fitzmill feed throat, the material is presented to the stainless steel blades, at the correct angle,* in such a manner that most of the work is carried out 'impact in air'. It is for this reason that screens with large holes can be used and the throughput is correspondingly increased. For instance, screens with holes in the region of one inch can be used for wet granulation. An important feature of the Fitzmill is that there is no metal to metal contact in the comminuting chamber and, therefore, no danger of metal contamination in the granulation.

*Due to the unique reversible, stoinless steel comminuting chomber.



MANESTY FITZMILL



For wet gronulotion, dry gronulotion, dry gronulotion, pulverizing, dispersion or wetting, milling of ointments, sizing of crude drugs. The correct combination of screen size and speed permits materials to be processed to any desired size.

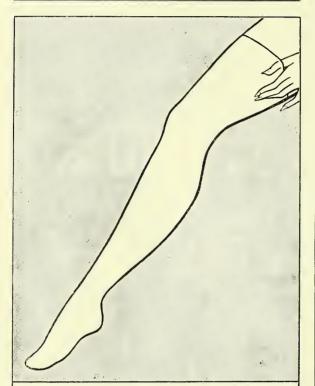
ILLUSTRATED LITERATURE ON REQUEST



MANESTY MACHINES LIMITED. * SPEKE * LIVERPOOL 24 * Telephone: Hunts Cross 1972. Telegrams: Manesty, Liverpool 24

PUNCHES AND DIES MIXERS TABLET MACHINES COATING PANS DRUG MILLS DRYING OVENS GRANULATORS AUTOMATIC WATER STILLS.

VARICOSE VEINS! is round advice!



Advise your customers suffering from Varicose Veins and similar leg conditions to wear Lastonet—the surgical stockings which are made of the coolest, firmest and most comfortable elastic net imaginable. Lastonet are made to measure. They are available under the N.H.S. and are despatched within 3-5 days of receipt of your order.

Recommend the best, recommend Lastonet.

LASTONET PRODUCTS LTD

CARN BREA · CORNWALL



Teacher Beaker

New model in sterilisable high density Polythene, individually boxed in attractive cartons.

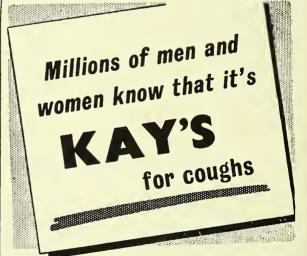
tive cartons. Wholesale: 31/4d. doz. $+ 12\frac{1}{2}\%$ P.T. Retail: 4/3d. each.

Made by J. L. CAPLIN LTD.
178/180 Homerton High Street, London, E.9.





Order from your usual Wholesaler



* feature Kay's display material prominently on your counter

KAY'S



LINSEED COMPOUND

All enquiries to:—
MeltonianWren Ltd. • Greatham Rd. • Watford



NATIONAL CAMPAIGN STARTS FEB. 15TH. with FULL PAGES in **VOGUE* QUEEN* HARPER'S BAZAAR* VANITY FAIR**

HARD'n FAST means EXTRA PROFITS for you because:

This new 'Spray on Nail Dry' will * Every woman who uses nail varnish is a prospect. capture the attention of women every- * Dries nail varnish to crystal hardness in seconds. for a massive national promotion campaign backed by full pages in top women's magazines.

THE RESERVE OF THE PARTY OF THE

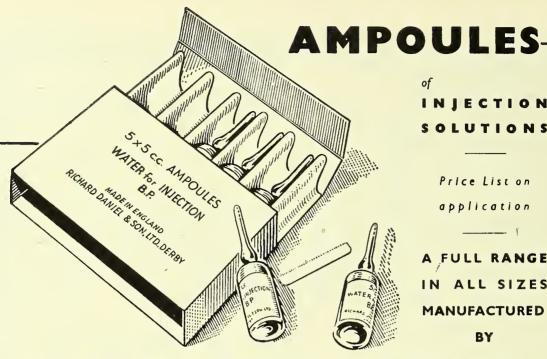
- product that definitely prevents nails chipping or flaking, will soften and condition the cuticles.
- * Sold in handy aerosol pack—wholesale price 6/plus 3/- P.T. Retailing 12/-.

ORDER NOW TO MEET THE DEMAND STIMULATED BY NATIONAL ADVERTISING!

Write or telephone sole distributors;

OSBORNE GARRETT & CO LTD 51-55 FRITH STREET LONDON W.1. Tel: GERrard 9070

The state of the s



SOLUTIONS

Price List on application

A FULL RANGE MANUFACTURED BY

RICHARD SON LTD

MANSFIELD ROAD, DERBY

Also at ASHTON-UNDER-LYNE. TEL: 5161 (9 Lines)

BRISTOL-MYERS COMPANY LIMITED

announce the following price change EFFECTIVE FROM 1st FEBRUARY, 1961

ANGIERS JUNIOR ASPIRIN

Size	Wholesale Price	List Price	Purchase Tax	Retail Price
	doz.	doz.	doz.	inc. P.T. each
50 Tablets	10s. 6d.	12s.	3s.	ls. 9d.

BRISTOL-MYERS COMPANY LIMITED

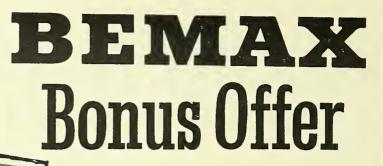
STONEFIELD WAY · VICTORIA ROAD · SOUTH RUISLIP · MIDDLESEX



SPA BRUSHES LTD., FREEMAN WORKS, CHESHAM, BUCKS. TEL: CHESHAM 371

time

now is the



Ties in with advertising to meet high consumer demand in peak winter period

NOW—just at the time when winter ills reach their peak—dramatic advertising will constantly remind no less than 40,000,000 readers that *nothing else* builds up resistance like BEMAX! In the National Press, in the Provincial Press and in the Radio Times, compelling advertising will send customers to *you* asking for BEMAX. Don't have to turn business away (for BEMAX is unique; there's nothing else quite like it). Get your order in early and make sure of your BEMAX BONUS!

Here's how you profit from the BEMAX BONUS

AVAILABLE FEBRUARY 6th to FEBRUARY 18th

	PARCELS	STANDARD PRICE LIST	QUANTITY TERMS	BONUS TERMS	PROFIT
BX.I	6 dozen x 1/9 síze	99/	96/-	88/-	38/-
BX.2	3 dozen x 3/- size	85/6	81/9	75/	33/-
BX.3	l½ dozen x 5/6 síze	78/9	75/-	68/9	30/3
BX.4	2 dozen × 3/– size ½ dozen × 5/5 síze	83/3	79/6	72/11	32/1
BX.5	dozen x 1/9 síze 1½ dozen x 3/- size ½ dozen x 5/6 síze	85/6	81/11	75 -	33/-

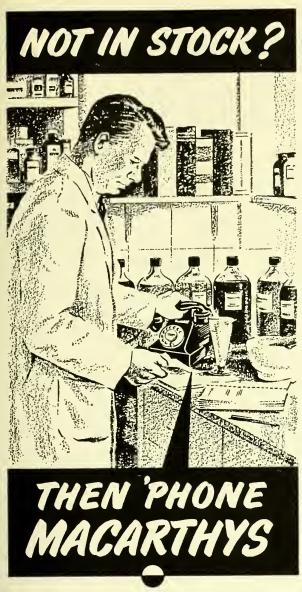
ATTRACTIVE BEMAX SHOW GARD & CROWNER

are available and should be shown for at least 14 days

MAKE CERIAIN
OF YOUR BONUS
-ORDER BEMAX
TODAY

Send to Sales Department, Vitamins Limited, Upper Mall, London, W.6





FOR RAPID AND EFFICIENT PHARMACEUTICAL SERVICE

TELEPHONE

★ ROmford 46021

* KIPling 5555

* WILlesden 1200

* ARDwick 5,131





THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 175

February 4, 1961

No. 4225

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PUBLISHED BY

MORGAN BROTHERS (PUBLISHERS), LTD., at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565

Telegrams: Chemicus, Estrand, London
WOLVERHAMPTON: 89 Woodland Avenue, Tettenham Wood,
GLASGOW: 160 Nether Auldhouse Road, S.3. Phone: Langside 2679,
LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.

ANNUAL SUBSCRIPTION which includes The Chemist and Druggist Diary and Year Book, £2 10s. Single copies one shilling each.

More rapid clinical results with **BROXIII**REQUIRED HARK the high-peak penicillin



Quickly absorbed from the gastro-intestinal tract, Broxil produces peak serum concentrations, higher than can be obtained with any other penicillin, within ½ to 1 hour.

Clinical results are as successful as they are rapid.

Broxil is available in both Tablet and Syrup form.

edermycin thylchlortetracycline † TRADEMARK

bruary 4, 1961

With its more powerful antibacterial action at lower dosages, LEDERMYCIN demethylchlortetracycline sets a new therapeutic standard among broad-spectrum antibiotics—in chronic bronchitis as in all tetracycline-susceptible infections.

Packing: LEDERMYCIN Capsules 150 mg., in bottles of 16, 100 and 1000

IN CHRONIC BRONCHITIS

LEDERLE LABORATORIES

a division of

CYANAMID OF GREAT BRITAIN LTD. London W.C.2







Minutes "in loose-leaf form"

A recommendation "to accept the principle of keeping minutes in loose-leaf form, the appropriate precautions being observed" [the italics are, of course, ours. — EDITOR] was adopted by the Council of the Pharmaceutical Society at its December 1960 meeting. No details were vouchsafed of what precautions were intended, and when we asked our artist to suggest what they might be he asked to be excused, pointing out that to do so might play into the hands of the irresponsible or the criminally minded. He did, however, consent to depict some of the contingencies that might have to be guarded against. The inclusion of a disapproving St. Peter and of Jacob Bell turning in his grave is purely coincidental.



ECHOES OF THE PAST

EVERY POPPY WITHIN FIVE MILES

From "The Spectator," March 18, 1712.

I FOUND the Knight (Sir Roger de Coverley) under his butler's hands, who always shaves him. He was no sooner dressed than he called for a glass of the widow Trueby's water which he told me he always drank before he went abroad. He recommended to me a dram of it at the same time, with so much heartiness, that I could not forbear drinking it. As soon as I had got it down, I found it very unpalatable, upon which the Knight, observing that I had made several wry faces, told me that he knew I should not like it at first, but that it was the best thing in the world against the stone or gravel.

against the stone or gravel.

I could have wished indeed that he had acquainted me with the virtues of it sooner; but it was too late to complain, and I knew what he had done was out of good-will. Sir ROGER told me further, that he looked upon it to be very good for a man whilst he staid in town, to keep off infection, and that he got together a quantity of it upon the first news of the sickness being at Dantzick: When, of a sudden, turning short to one of his servants who stood behind him, he bid him call a hackney coach, and take care it was an elderly man that drove it.

He then resumed his discourse upon Mrs. Trucby's water, telling me that the widow Trucby was one who did more good than all the doctors or apothecaries in the country: That she distilled every poppy that grew within five miles of her; that she distributed her water gratis among all sorts of people; to which the Knight added, that she had a very great jointure, and that the whole country would fain have it a match between him and her; and truly, says Sir ROGER, if I had not been engaged, perhaps I could not have done

PROBLEM PICTURE



The gateway is in a stretch of red-brick walling in Great Sutton Street, London, E.C.1. Behind it is a public space on what was probably a bombed site. On the parapet above the gateway are the words "Drug Mills." When was the site occupied by drug mills, and whose were they?

Quarterly Price List DECEMBER 1960

	HIS WEEKING CHANG	55.61	VEN	CED 4	O A T	EIV	^-	END				27	5	13	41	4	3
	HIS WEEK'S CHANGI Abicol (147 Boots)				AIVA I					A'suma (301 Coty)	hp	76	0	37	0	12	ő
	tablets	100 500	14 64	0ea 0ea				8†84B 4†84B		perfume	.2204	636	0	310	1	110	0
elete	Acidol-pepsin (97 Bayer)			0011				. 1011		Ayrton (78 AS&Co) burn cream		16	()			2	0
	Acme (7 Acme)	. 500								eorn and wart paint .		9	8	2 2	5 5	1	6
	vacuum flasks	16.02	46	6	5	7	4 1			earache drops eau de Cologne (toilet	5 oz	20	Ö	10	0	3	6
	Wayfarer	16 oz 16 oz	54	4	6	6	6	7		Fullers earth cream	10 oz	33 8	0	16 2	6 0	6	3
	slim	36 oz 8 oz	90 48	10	10 1 5 1		0 1			lavender water (tollet)) 5 oz	20	0	10	0	3	6
	squat	8 oz	48	10	5 1	1	5 1	!		menthol and wintergre	10 oz een	33	0	16	6	6	3
	Voyager	8 oz 16 oz	57 63	4	6 1	7	6 1			balıı	i tube	16 12	9	4	0 21	2	6
	jugs No. 5	16 oz	131	6	15 1	0 1	5 1				. 1 oz	12	0	J		ī	6
	Chiltern	16 oz	288	ŏ	34		5		Delete Del et e	iced cau de Cologne . iecd lavender water	٠ .						
elele elele	Ripple flasks all sizes Tartan flasks all sizes								Deter	Basket of Flowers (1070)	0	13			7
	Acthar (61 APC) lyophilised									sonp toilet	.2112	56 gro		gro			•
	intramuseular or sub							Lemo		Beaucaire (100 Beaucaire cleaning fluid	e) 1 gall	312	0			39	0
	10i.u. 9 25i.u.	viai	29 67	0				†T8 †T8		Beauty on a Budget (106	3 Rlinm	el)		4			
	intravenous 30l.u.		106 32	0				†TS †TS		cold cream		9	0	4	5 5	1	6
	75l.u.		78	0		•		trs		Cologue solid deodorant perfumed .		9	0	4	5	1	6
	HP gel intraniuscular or sub	cutan	eous							eye pencils		9	0	4	5	- 1	6
	20i.u./mil 5 mils	vial	20 14	0ea 0ea			٠.	TS TS		shadow stick . ercam .		9	0	4	5 5	1	6
	40i.u./mil 2 mils 40i.u./mil 5 mils			10ea				TS		face powder		9	0	4	5	1	6
	Adcortyl-A (1176 Squlbb)		119	6			5 :	3 TS		hand beauty cream .	•	9	0	4	5	1	6
	suspension 5 Adreson (917 Organon)	mils	43	0				, 10		hair lacquer refill . lipsticks		9	0	4	5 5	1	6
	tablets 5 mgm	40 100	$\frac{76}{190}$	0				p1 p1		liquid liner for eyes .		9 10	0	4 2	5 6	1	6
		500	840	0		. 10	5 (p 1		liquid line brush . liquid make-up .		9	0	4	5	1	6
	25 mgm	20 40	$\frac{156}{306}$	$0 \dots 0$		•		p1 p1		mascara		9	0	4	5 5	1	6 6
		$\frac{100}{500}$	$\frac{720}{3600}$	0			0 () p1) p1		remover		9	0	4	5 5	1	6
	Aidex (339 CG)		17	0	4	3	2 (, p1		oatmeal beauty pack, perfume		9	0	4	5	- 1	6
	Airwick (23 Airwick) aerosol mist		33	9			3 9	,		skin beauty cream		9	0	4	5 5	1	6
	floral mist		33	9			3 9)		twin powder puffs .		9	0	4	5 5	1	6
	fly killer mothproofer		33 33	9			3 9			vitamin skin food . whiteglow		9	0	4	5	i	6
	Allercur (1107 SAGB)	20	2	5ea			3 1	nla"		Becosym (1074 Roche) tablets	. 100	36	0			4	6
	tablets 20 mgm Altafur (1153 SKF)				•			pls7	Dalata	Benadon (1074 Roche) ta	500	116	0			14	6
	tablets 250 mgm	$\frac{20}{200}$	$\frac{40}{380}$	0ea 0ea					Detete	Benemid (837 MSD)							
	Ambray (617 Holloway)			6			2 11			tablets	. 100 500	$\frac{45}{218}$	0ea 0ea			67 327	6
	bath salts bottle small large	181	17 30	0	15	0	5 ()		Benerva Compound (1074		20	0			2	6
	coffret Ambre Antique (301 Coty	180	52	6	26	3	8 9	'		tablets	500	58	0			7	3
		2104	636	0	310	1 11	0 ()		Bengue's (115 Bengue)	1000	96	0		• •	12	0
	tablets standard	30	13	7	3	4 ½	1 10)			. ½ oz 1 oz	17 27	6	6	3 81	2	8
	Anti-Bi-San (451 F&J) childs		33	9	8	5	4 6	i		Bex (560 Halex)		٠.		·	~ 1		
	Antipeol (829 MBL) liquid	2 oz	28	0	7	0	3 11	ı	Delete	medicine measure 2 oz Bex-Bissell (560 Halex)							
		tube	19	ŏ	5 (0	2 8	3		shampoo master Bickiepegs (122 Bickiepe	W400	14	0ea 3			67	6
			32 59	0	15 (0	4 6 8 3	3		Bismag (655 ICC)	e~/					2	0
elete	jar : Apolomine (97 Bayer) tat	16 oz dets 2	208 5 and 2	0.50	52 (0 2	9 ()		powder	•	15 28	2	7		3	9
elete	Apolomine-plus (97 Bayer	r) tabl	ets 25 a	and 2	50					Bisma-Rex (1053 Rexall) powder		24	6	6	1 ½	3	6
	April Violets (1355 Yardle dusting powder	1909	72	0		0 1	2 ()		powder		38	0	9	6	5	6
	talcum	1908 908L	72 27 45	0	13 (22 (6	4 6			tablets	. 40	70 17	6	17	$\frac{6}{4\frac{1}{2}}$	10	6
elete	A.S.A. (413 Lilly) Pulvule			0	22 (Blue Velvet (1155 S&N)	100		0	8	9	5	0
	Asmal (901 Norton) tablets	100	60	0				†8184A		hand lotion			6	5 8	3	1 2	9
		500 1000	$\frac{240}{37}$	0 6ea	:			†8184A †8184A		Bond Street (1355 Yardle	265 (y)	16	6				
	Astral (333 Cupal)	5 oz					3 6			" Spray Mist" Brietal (413 Lilly) sodium	.2747 n	87	0	43	6	14	6
	Astral (509 Glbbs)										mils	88	0			11	0 †s1s4A
	cream		8 15	9	7		1 4			suspension 60 mgm 60	mils	44	0			5	6†s4BTS

the most versatile digitalis glycoside

LANOXIN DIGOXIN

• TABLETS • SOLUTION • INJECTION • PÆDIATRIC ELIXIR

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON



6 †s4BTS 6 †s4BTS 9 †s4BTS

18

1 11

2 0

9660966

45 0

10 13

25 45

2 6

6

30 0 †s4B 135 0 †s4B

0 TS 2 TS

3 61

 $\begin{array}{ccc} 0 & \cdots \\ 0 & \cdots \\ 0 & \cdots \end{array}$

0ea 0 . .

0ea

0 .. 9 .. 9 ..

18 9 . 3 10ea

18 0 ...

59 29

16

38 71 126

30 0ea

61 121

35

50 78 130

260 $\frac{462}{636}$

16 $\begin{array}{ccc} 0 & \dots \\ 0 & \dots \end{array}$

28

28 0 ..

9 0ea 120

90

11 0ea

 $14 \\ 20 \\ 27 \\ 135$

62 33

9ea

0ea

0ea

6ea

0ea

 $015 \\ 016$

017

 $068 \\ 010$

2900

2901 2902

2903

87

082 080

066

5 mils

.. 100

500

500

30 100

500

30

 $\frac{100}{500}$

80 mils

.. 100

30

63

Delete Delete

| 125 mgm 60 mils 76 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0 | 148 0

Delete Campolou Forte (97 Bayer) bottles 10 mils
Centyl (747 Leo)
injection 5 mgm 5 mils 1 51 0 ...

ertor (786 MacDonald) bandage w.o.w. 1 in \times 3 yd $\frac{11}{2}$ in \times 4 yd $\frac{21}{2}$ in \times 4 yd $\frac{21}{2}$ in \times 4 yd $\frac{3}{2}$ in \times 4 yd $\frac{4}{2}$ in \times 6 yd

floral disinfectant all sizes lavender disinfectant all sizes

hand lotion ...

perfumed sachets

Clean Leaf (1037 Reckitt)

insecticide ... Codelcortone (837 MSD) tablets 1 mgm

 $5~\mathrm{mgm}$

Co-Deltra (837 MSD) tablets 5 mgm

Cogentin (837 MSD)

tablets 5 mgm

Colgate (280 CP) dental cream ...

suspension

Coopers (295 CM&R)

aerosol fly killer

tablets 2mgm ...

Co-Hydeltra (837 MSD)

Colistol (328 CCC) 1 Compocillin V (2 Abbott)

ant killer

dry cleaner ...

perfume

soap toilet bath

talcum

Twlstick Delete Ciloprine (768 Cilag) 5 r Clean Lawn (1037 Reckitt)

weedkiller

Chu-Chu (122 Bickiepegs)

tablets with reserpine

Certor (786 MacDonald)

Cheroline (1329 White) cough linetus . . . 4 oz Choice (1388 Durazone) aerosol garden spray ... weed killer ...

pine disinfectant

5 mils bottles 10 mils

100

TOT	AND	DBI	ICCI	e are		- 1-			4 14	0.61
.151	AND			5 I	Р	еві	·ua	гу	4, 15	961
	garde	n spray	7	33 62	9 .		٠.	3	9	
	moth	proofer		33	9 .	-		6 3	9	
	wood	worm k	iller	62 33	9 .			6 3	11	
	yronil (413	Lilly)	0.5	62	3 .	•	• •	6	11	
г	ılvules	••	${100}$	$\frac{4}{12}$	0ea 0ea			6 18	0	
	ocel (267 C		1000	110	0ea		• •	165	0	
	itiseptic cor ga (1178 St		ier	24	0		• •	3	0	
(d:	istributors	451 F&	(J)	26	0			3	3	
Corte	denture po ef (1263 Up etate ointm	john)	••		• • •			·		
		1%	$20~\mathrm{gm}$ $50~\mathrm{gm}$	8 17	8ea 6ea		٠.		TS TS	
		21 %	5 gm	5	6ea		::		TS	
			20 gm 50 gm	$\frac{17}{39}$	5ea 6ea				TS TS	
oir	ntment BN	F 1%	$20~\mathrm{gm}$	8	8ea				TS	
		$2\frac{1}{2}\%$	50 gm 5 gm	17 5	6ea 6ea				TS TS	
		-3/0	$20~\mathrm{gm}$	17	5ea		٠.		TS	
Corte	elan (518 G	laxo)	50 gm	39	6ea		• •		TS	
	blets 5 mgn	n	50	8	0ea		٠.	10	8 TS	
	25 mg	,111	40	25 60	6ea 0ea			34 80	0 TS 0 TS	
Corti	co (324 Cro	nkes)	500	300	0ea			400	0 TS	
	long-actin	g								
		.u./mil .u./mil		$\frac{16}{27}$	9ea 6ea		• •		1.000	
	isone (837 I	MSD) a	cetate				••	•		,
tal	olets 5 mg 25 mg	m	50	$\frac{8}{25}$	0ea 6ea				TS TS	
			100	60	0ea		٠.		TS	
Corti	sone (1263	Upjoh	500 a)	300	0ea		• •		TS	
tal	olets 25 mg	m	20	$\frac{12}{25}$	9ea				TS	
Corti	stab (147 B	oots)	40		6ea		• •		TS	
tak	olets 5 mg	m	40	$\frac{76}{189}$	6		٠.	8 21	6 TS 0 TS	
	0.5		500	882	0			98	0 TS	
	$25 \mathrm{mg}$	m	·· 40	$\frac{306}{720}$	0			34 80	0 TS 0 TS	
00.41	out (1007 T)	01100-1	500	3600	0			400	0 TS	
tab	syl (1087 $ m R$ olets $ m ~5~mg$	ousset) m	20	38	0			4	9 TS	
			500	840	0			105	0 TS	
	25 mg	111	20	156 306	0			19 37	6 TS 9 TS	
			100 500	$\frac{720}{3600}$	0		٠.	90 450	0 TS 0 TS	
	il (969 Pfize	er)					• •			
spr opl	ay hthalmic oi	 ntment	1 oz 2·5%	102	0		• •	12	9 TS	
			$3 \mathrm{gm}$	48	0			6	0 TS 0 TS	
tat	olets 10 mg		25 100	$\frac{96}{360}$	0			12 45	0 TS	
	20 mg	m	$\frac{20}{100}$	$\frac{153}{720}$	0		• •	19 90	1½TS 0 TS	
top	ical ointme	ent non	-greasy				• •			
		0.5% 1%	15 gm 15 gm	48 78	0			6 9	0 TS 9 TS	
			au gm	210	0			26	3 TS	
		2.5%	5 gm 15 gm	$\frac{66}{156}$	$0 \dots$			8 19	3 TS 6 TS	
	****	1.0/	50 gm	474	0			59	3 TS 9 TS	
g	reasy	$\frac{1\%}{2.5\%}$	15 gm 5 gm	7S 66	$0 \dots 0$			9 8	3 TS	
loti	ion		15 gm 20 mils	$\frac{156}{93}$	0			19 11	6 TS 71TS	
v	vith neomy	ciu '	mus	99	0			12	41TS	
	(301 Coty) ringent		361	39	0	19	0	6	9	
avo	cado milk		370	50	0	24	5	8	6	
crea	am powde r gold va		2099R 2099	32 66	6	$\frac{15}{32}$	7 5	5 11	6	
-1.	puffs		97/LP	8	6	4	2	1	6	
clea	insing creat	ni 730 731	& 735 & 736	33 61	0	$\frac{16}{29}$	9	5 10	9	
	brow penci	1	325	29	0	14	ž 7	5	0	
	lights brus	sh	420	50 36	6 0	24 8	9	8 5	9	
	shadow pe ndation cre	ncil	366	39 43	6	$\frac{19}{21}$	03	6	9	
iou.		am oto	050	90	0	10	0	ċ		

VITAMIN B12 PEPTIDE ORAL tablets and elixir

THE DISTILLERS COMPANY (Biochemicals) LIMITED SALES DIVISION, LIBerty 6600, LONDON



32 66 43 73 39 50 $\begin{array}{c} 0 & 6 & 6 & 6 & 6 & 0 \\ 6 & 6 & 0 & 0 & 0 \\ \end{array}$

hand treatment cream 28T

homogenised cream

instant beauty instant cleanser

	lipstick 200 refill 202	$\frac{39}{26}$	0	19 12	0 8	6	9			wild lavender skin perfume	5747	29	3	14	3	6	0	
	mascara 322 refill 322Bis	43 29	6	21 14	3 2	4 7 5	6			CVK (2 Abbott)	0 mlls		10ea			5	9 TS	
	roll-on 426 refill 427	$\frac{61}{39}$	0	$\frac{29}{19}$	9	10 6	9			CVK with Sulphas (2 Ab		6	4ea		• •	9	6 TS	
	nail enamel "Super-Sheen" 490	37	6	18	3	6	6		Delete	Cyclonal (971 PSMB) se		4	8ea		• •	7	0 †94BTS	
	"Pearlidescent" . 491 remover . 611 rouge cream . 94	50 33 21	6	$\frac{24}{16}$	7 1 6	8 5 3	9			Cytacon (518 Glaxo)	. 100	36	0			4	0	
	rouge cream 94 powder F sub-tint 65	21 16	6 6 0	10	6 10	3 2	9			1111 50	80 oz 25	33 36	9ea 0			45	0	
	Vanlte Parisienne 2098	37 101	6	18 49	3 3	6 17	6			Cytamen (518 Glaxo)	250	22	беа		• •	30	0	
	refill 2098R puffs 98/LP	82	6	15 4	7 2 5	5 1	6			ampoules 1 mll 250 me 1000 m	cgm 3	40 48	$\frac{6}{0}$			5	6	
	"Vltamel" 360 vltamin A-D cream 377	50 50	0	$\frac{24}{24}$	5	8	6			Damaskin (284 Colloldal	6	87	0	10		9	8	
	vltamin balancer 368 & 369	89 61 43	6 0 6	$\frac{43}{29}$	8 9 3	15 10 7	6			leg make-up large Danistol (328 CCC) capsules for cattle		90	0	13 22	6	11	6	
	wrinkle cream 749 Coty for men after shave lotion 513	50	0	24	5	8	6			sheep . Dearborn (361 Dearborn	25	202	6	50	7	26	9	
	shaving stick 50 refill 50Bis	30 19	0	7 4	4 9	4	6			mercolized wax Decortisyl (1087 Roussel		27	0	13	6	4	6	
	taleum 565 Covatin (1310 WW)	27	6	13	5	4	9				500 500	93 360	0			11 45	7½ TS 0 TS	
	tablets 50 500	$\begin{array}{c} 66 \\ 494 \end{array}$	$\begin{array}{c} 4 & \dots \\ 9 & \dots \end{array}$					†84B †84B		5 mgui .	100	108 312	0			13 39 180	6 TS 0 TS 0 TS	
	Coxidan (328 CCC) 1 lb Cremostrep (837 MSD)	211	6	52	10	27	11			Deep (102 CB) soap treatment	500	1440	0	5	0	3	0	
elete	liquid 3 oz Crescent (318 CP)	6	6ea		• •	9	9	†s413 -		Delta-Cortef (1263 Upjo	hn) . 30	9	Cca	Ü			TS	
	eyelaslı growcr Crown V.P.D. (328 CCC) vet.	60 26	0 8ea	30	0	10 40	0				$\frac{100}{500}$	$\frac{26}{120}$	0ea 0ea				TS TS	
	oral liquid 2 oz	5	4ea			8	0	TS		Delta-Cortelan (518 Glas tablets 1 mgm	. 100	7	9ea			10 40	4 TS	
	crystapen G (518 Glaxo) syrup 125 mgm/5 mils	4	000			6	٥	TS		5 mgm	30 100	30 9 26	Oca Oca Oca		••	12 34	0 TS 0 TS 8 TS	
	Crystapen V (518 Glaxo) suspension 62.5 mgm/5 mils	4	0ca		• •	U	Ů	1.5		Deltacortone (837 MSD)	500	120	0ca		• •	160	o TS	
	60 mils 125 mgm/5 mils	3	10ca		• •	5	9	TS			100 500	$\frac{7}{30}$	9ea 0ea				$^{\mathrm{TS}}_{\mathrm{TS}}$	
	60 mils syrup 125 mgm/5 mils 60 mils	6 6	4ea 4ca			9	6	TS TS		5 mgm	100	9 26	0ca 0ca		::		TS TS	
	Cuckoo (543 Fecher) bables ear caps	44	0	2	0	5	9			Delta-Cortril (969 Pfizer		120 93	0ea		• •	11	TS 71 TS	
	pumice stone Culmak (332 Culmak)	3	9	1	10½		8			r	500	360 72	0 .			45	O TS	
	shaving brushes Spartan	29 35	2	7	3	4 5	3			o mgm	100 500	$31\overline{2} \\ 1440$	0 .			39 180	0 TS 0 TS	
	Junior		11 0	10 13	9	6	3				. 100 500	$\frac{216}{1040}$	0			27 130	0 TS 0 TS	
	Senior	66 97	8	$\frac{16}{24}$	8 5	9 14	9			Delta-Cortrit D.A. (969) topical ointment 0.25	%	40	0			6	0 TS	
	Plus	$\begin{array}{c} 97 \\ 143 \end{array}$	6 9	24 36	5	14 21	3			Delta-Genacort (502 Ger	5 gm 15 gm	126	0		• •	15	9 TS	
	50/50 Traveller Prince 50/50 Mark 11	155 170 225	5 10 0	38 42 56	11 9 3	22 25 33	9			tablets 1 mgm	. 100	93 360	0		::	11 45	8 TS 0 TS	
	No. 30	185 242	0	46 60	3 8	27 35	0			5 mgm	100	$\frac{72}{312}$	0		• •	9 39	0 TS 0 TS	
	No. 55 Sovereign	331 352		83 88	0 2	48 51	6			Deltastab (147 Boots)	500	1440	0		• •	180	0 TS 2 TS	
	No. 84 No. 86	465 502	6	116 125	8	68 73	6			tablets 1 mgm	100 500	28 93 360	6 0		• •	10 40	2 TS 4 TS 0 TS	
	Super Cussons (338 Cussons)	600		150	0 81	87 2	6			5 mgm	. 30	108 312	0			12 34	0 TS	
	apple blossom soap (3) 2068 blue hyacinth soap (3) 2091 damask rose talcum 4701	15 11	3 5	3 5	81 61	2 2	0			Deltastab B (147 Boots)		1440	0		• •	160	0 TS	
elete elete	deodorant Cologne 5498/99						Ĭ			tablets 5 mgm .	100	108 312	0			12 34	0 TS 8 TS	
elete	dusting powder4455 flowers of the vine soap 2136	35	6	17	31	5	6		Delete	Delton (714 Koray)	500 10 100	1440	0		• •	160	0 TS	
elete elete	four diamonds soap 2084									Denisol (1106 S) past Deri (1070 Windsor)		20	6	5	1	3	0	
clete	Imperial Leather after shave lotion 5303 5472	11	5	5	$6\frac{3}{4}$	2	0			soap toilet	$.2510 \\ .2520$	9 18	$\frac{3}{6}$	2 4	3 6	1 2	3 6	
elete elete	after shave powder 4458 shaving cream2207									Detensyl (829 MBL) tablets	. 50	39	0	10	0	5	6	
elete	liquid brilliantine5302 5470	15	6	7	62	2	9			Detigon (452 FBA) linetus	500	318 48	0	80 12	0	7	8	
elete	lilac blossom soap2131 talcum4702	15 11	3 5	3 5	$\frac{8\frac{1}{2}}{6\frac{3}{4}}$	2	0			De Witt's (372 De Witt)	. 4 02	15	0	3	8	2	0	
. scee	linden blossom soap2094 toilet2109	15 9	3	3 2	$\frac{8\frac{1}{2}}{3\frac{3}{4}}$	2	0			antacid powder .	•	28 49	3	6 12		3	9	
elete	talcum 4703 4454	11	5	2 5	61	ż	ŏ			eatarrhal cream . Di-Adreson (917 Organo)	n)	19	0	4	8	2	6	
elete	pine soap										. 30	36 93	0				6 p1 7½ p1	
elete	Rhapsody in blue soap 2082										500	360	0		• •	45	0 p1	

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Order from THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, LONDON, W.C.2

7	301	TEEMENT TO	Inc Cr	HEMIST AND DRUGGIST February 4, 1961
	5 mgm 30	108 0 13	6 p1	waterproof medical and
	100 500	312 0 39 1440 0 180	0 p1 0 p1	factory first aid outfit 7447 99 0 11 6
	Di-Adreson-F (917 Organon) tablets 1 mgm 30	36 0 4	6 p1	waterproof pocket strips 7100 10 9 1 3
	100 500	93 0 11 360 0 45	7½ p1 0 p1	Delete Elityran (97 Bayer) tablets 100
	5 mgm 30 100	108 0 13 312 0 39	6 p1 0 p1	Emeraude (301 Coty) creamy skin perfume 058 73 6 35 10 12 6
	Diamond (333 Cupal)	1440 0 180	0 p1	perfume 010 61 0 29 9 10 6 4004 636 0 310 1 110 0
	corn solvent Dilosyn (179 BDH)	12 3 3 0 1	9	Endoxana (1305 WB) 500 mgm vials 1 120 0 15 0 †s1s4A
	syrup 4 oz	60 0 7	6 †s4B	1000 mgm 1 216 0 27 0 †s1s4A Enterofagos (829 MBL)
	tablets	60 0 7 480 0 60	6 †s4B 0 †s4B	ampoules 5 28 0 3 4
	Dimyril (502 Genatosan) capsules 20	38 0 9 6 5	6	50 210 0 5 6 50 210 0 25 0
Delete	Discord (876 MP) Disipal (221 Camden)			shaving stick 16 11½ 4 1½ 2 3
	tablets 50 mgm 1000 10,000	127 6ea 170 1237 6ea 1650	0	refill
	Distaquaine-V (378 DCBL) clixir 2 oz	4 11ea 7	41TS	Erythrocin 1.M. (2 Abbott) disposable syringe
	forte 1½ oz Distaquaine V-K (378 DCBL)	11 10ea 17	9 TS	50 mgm 1 mil 5 2ca 7 9 TS 2 mils 6 8ea 10 0 TS
	suspension 2 oz Distivit (378 DCBL)	6 4 ea 9	6 TS	Erythromycin (1263 Upjohn)
	B12 ampoules	2.1000 4	2	100 38 10ea TS
	250 megm/mil 5 1000 megm/mil 5	2 10ea 4 6 0ea 9	3	250 mgm 25 21 3ea TS
	vial 5 mils (vet)	5 8ea 8	6	100 83 6ea TS 500 406 2ea TS
	250 mcgm/mil 30 mils 1000 mcgm/mil 10 mils	10 Sea 16 11 4ea 17	0	Eucryl (430 Eucryl) tooth powder large 14 0 3 6 1 11
	Dor (563 Hampshire) stick perfumed	206 3 101 10 2	9	Delete Eumydrin (97 Bayer) solution tablets 100 Euthymol (938 PD)
	unperfumed	gross gross 202 3 49 11 2	4	toothpaste 12 8 3 2 1 10 Evan Williams (437 EW)
	Dramai (976 PS&T)	gross gross		hand cream, large 15 10 7 11 2 6
	diet food Dramamine (1121 Searl)	7 6 6 8	6	Ever Ready (438 ER) corn knife 31 5 7 10 4 6
	injections 250 mgm/5 mils 6 tablets 50 mgm 36	27 6ea 41 8 4ea 12	3 †s7 6 †s7	Corrux blades (5) 33 9 8 5 2 5 (20 pkts) (20 pkts)
	100	21 8ea 32	6 †s7 9 †s7	Delete Evidorm (97 Bayer) tablets 50 Ex-Lax (440 Ex-Lax) 6 7 6 1 10½ 1 0
	500 1000	104 6ea 156 203 4ea 305	0 †s7	Fabulo (554 Hactam) hair curlers and rollers
	Drummer (406 WE) aerosol air purifier	33 6 3	9	No. 1 7 15 0 3 9 2 4 2 5 15 0 3 9 2 4
	fly killer		9	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	junior air freshener Durazone (1388 Durazone)	72 Ogross	9	Delete Fair Lady (876 MP) all products Fair Lady Rose (876 MP)
	toilet rolls 4 oz 6 oz	58 6gross 1 114 0gross 1	6	perfume 9 0 4 6 1 6 talcum 15 0 7 6 2 6
	Duromine (1061 Riker) capsules 15 mgm 30	8 8ea 2 2ea 15	2	Farleys (448 Farleys) rusks 13 7 1 5 7 2 9
	30 mgm 30	78 0ea 19 6ea 136 11 0ea 2 9ea 19	6	Fennings (1100JS) fever mixture 17 8 4 5 2 4
	Easy (509 Gibbs) 300	89 4ea 22 4ea156	4	Feravol (228 Carlton) syrup 4 oz 34 0 4 6
	shaving stick refill	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0	8 oz 60 0 7 6 80 oz 42 6ea
	Easy Feet (1108 SMC) heel cushion pair	30 0 1 6 3		Fersamal (518 Glaxo) syrup 6 oz 42 0 4 8
	Eau de Coty (301 Coty) 4 oz 8 oz	139 0 67 9 24	6	tablets
	Efcorteian (518 Glaxo)	231 0 112 7 40	0	Fibrosine (655 ICC) balm 26 6 6 8 3 6 Fields (462 Field)
	eye ointment $2\frac{1}{2}\%$ 3 gm lotion $\frac{1}{2}\%$ 100 mils $\frac{1}{2}\%$ 20 mils	4 0ea 5 17 0ea 22	4 TS 8 TS	French flowers talcum 18 3 9 1½ 3 0 French pink talcum . 18 3 9 1½ 3 0
	1 % 100 mus	7 9ea 10 31 9ea 42	4 TS 4 TS	French moss taleum 18 3 9 1½ 3 0 Filon (1320WP)
	ointment 1% 15 gm 50 gm	6 6ea 8 17 6ea 23	8 TS 4 TS	tablets 100 264 0 66 0 38 6 Flit (427 Esso)
	$\frac{2\frac{1}{2}\%}{15} \frac{5 \text{ gm}}{1}$	5 6ea 7 13 0ea 17	4 TS 4 TS	aerosol fly killer 5 oz 33 3 3 9
	50 gm ½% 15 gm	39 6ea 52 4 0ea 5	8 TS 4 TS	moth proofer 5 oz 33 3 3 9
	tablets 20 mgm 100 Efcorteian-N (518 Glaxo)	60 0ea 80	o TS	woodworm killer 5 oz 33 3 3 9
	lotion 1% 20 mils ointment 15 gm	8 3ea 11 6 9ea 9	0 TS 0 TS	crawling insect killer 5 oz 33 3 3 9
	Elastocrepe (1155 S&N)	17.0	0	large 60 9 6 11
	wrist straps 2½ in. wide 3112 Elastoplast (1155 S&N)	17 3 2	•	killer 5 oz 33 3 3 9 large 60 9 6 11
	dressing strips $1\frac{1}{2}\text{"}\times1\text{ yd} \dots 4015$	21 6 2	6	air freshener 5oz 33 3 3 9 large $60 9 \dots 6 11$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	30 0 3 34 6 4	6	sprayer 29 0 3 6 continuous action 33 0 4 0
	first aid dressings4106 4111	8 9 1 17 3 2	0	Floret (1037 Reckitt) C 32 7 3 9 B 54 4 6 3
	first aid outfits No. 1 4447 No. 2 4448	99 0 11	6	Florinef (1176 Squibb) lotion 15 mils 7 6ea 11 3 TS
	pocket strips	10 9 1	3	ointment 5 gm 4 0ea 6 0 TS with Graneodin
	dressing7106 7111	8 9 1 17 3 2	0	lotion 15 mils 11 0ea 16 6 TS ointment 5 gm 5 3ea 7 $10\frac{1}{2}$ TS
		_		<u> </u>

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	Four 8easons (301 Coty)						Hydrocortistab (147 Boots)
	Cologne1906	39 0 66 6		0 5	6 11	9	eream 0.5% 15 gm 48 0 5 4 TS
	1904	121 6	59	3	21	0	2.5% 5 gm 66 0 7 4 TS
	Twistick 1903	$\begin{array}{cccc} 173 & 6 \\ 43 & 6 \end{array}$		3 7 3	30 7	6	eve ointment 2.5% 3 gm 48 0 5 4 TS
	Fovane (583 HP) tablets 50 mgm 30	19 2	ea		28	9	lotlon 1% 20 mlls 93 0 10 4 TS ointment 0.5% 15 gm 48 0 6 4 TS
	100	60 0	8.9		90	0	1% 15 gm 78 0 8 8 TS
Delete	Franol (97 Bayer) tablets 250	290 0	ea	• •	435	0	15 gm 156 0 17 4 TS
	Freesia (1355 Yardley) hair oil	24 0	12	0	4	0 /	tablets 20 mgni 100 720 0 80 0 TS Hydrocortisyl (1087 Roussel)
	taleum 1808	27 0		6	4	6	eye ointment 2.5% 3 gm 48 0 6 0 TS
Delete	Freezheat (191 BVF) Twinkup jug laminated PVC l Freshman (876 MP)	body					skin eream and ointment 0.5% $15\mathrm{gm}$ 480 8 0 TS
	Freshman (876 MP) after shave	15 0	7	6	2	6	50 gm 132 0 16 6 TS
	hairfix refill Gala (876 MP)	9 0		6	1	6	50 gm 210 0 26 3 TS
	nall colour	27 0		6	4	6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	swivel refilis Gallinex (328 CCC) 1 pt	$\frac{30}{405} = 0$		0	5 10	0	50 gm 474 0 68 3 TS skin lotion 1% 20 mils 93 0 11 7½TS
	Gantrisin (1074 Roche)	68 0			8	6 †s4B	tablets 10 mgm 25 90 0 11 3 TS
	500 mlis	320 0			40	0 †s4B	20 mgm 25 180 0 22 8 TS Hydrocortone (837 MSD)
	tablets 20	$\frac{48}{192} \frac{0}{0}$			6 24	0 †s4B 0 †s4B	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Dalete	Gardenal (971 PSMB) 500	920 0		• •	115	0 †s4B	50 gm 17 6ea TS
Delece	sodium gr 11000						$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Genacort (502 Genatosan) cream 0.5% 15 gm	48 0		٠.	6	o TS	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	1 % 15 gm 10 mils	$\frac{78}{93} = 0$)		9 11	9 TS 8 TS	lotion 0.5% 120 mils 21 0ea TS
	ointment 0.5% 15 gm	48 0			6	0 TS	120 mils 39 0ea TS
	Genexol (1045 R) 15 gm 12	$\frac{78}{33} = 0$			4	9 TS 6	ointment 0.5% 15 gm 4 0ea TS 50 gm 10 6ea TS
	Gibbs (509 Gibbs)	8 10) 2	13	1	2	1% 15 gm 6 6ea TS
	dentifrice Goya (532 Goya)						2.5% 5 gm 5 6ea TS
	bath dusting powder 16 bath salts 19	69 6 36 3		$\frac{9}{1\frac{1}{2}}$	11 6	6 0	15 gm 13 0ea TS 50 gm 39 6ea TS
	perfume classic flacon 3 perfumed Cologne	69 6			11	6	tablets 10 mgm 25 9 6ea TS
	gift size 26	42 0		0	7	0	20 mgm 25 18 0ea TS
	stick 28 soap 3 oz tablets 45	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\frac{0}{2}$	5 1	0 8	100 60 0ea TS Hydromycin D (147 Boots)
	cedar wood soap 87 Gratac (63 Arnold)	12 9		2	1	8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	auxiliary cream	42 0		0	.7	0	lotion 0.5% 15 mils 144 0 16 0 TS olntment 0.5% 5 gm 51 0 5 8 TS
	hair colour restorer	66 0 42 0	21	0	11 7	0	15 gm 132 0 14 8 TS
	Halex (560 Halex)	66 (33	0	11	0	Hydrospray (837 MSD) 15 mils 3 8ea 5 6 Hypertensin (262 CIBA)
Delete Delete							ampoules 0.5 mgm/2 mlls 6 16 0ea 24 0
Delete	tooth-brush minor short A190)					Suspension 1 oz 72 0 9 0 TS
	Halo (280 CP) shampoo sachet	5 () 1	3		8	2 oz 118 0 14 9 TS syrup 30 mils 56 0 7 0 TS
	Handy Pads (102 CB) nail varnish remover	20 () 10	0	3	3	60 mlls 90 0 11 3 TS
	Hard'n Fast (923 OG) nail dry	72			12	Ö	tckosan (78 AS&Co) lehthammol powder 24 0 6 0 3 6
	H.E. (1063 Rimmel) aerated shaving lather	48 (7	0	Ilford (645 Ilford) film, roll, Selochrome-Pan
	after bath body rub body tale	39 (36 ($\begin{array}{ccc} 0 & 19 \\ 0 & 18 \end{array}$		6 6	6 0	FP3 and HP3 127 22 0 6 0 3 3
	after shave lotion anti-dandruff shampoo) 15	0	5	0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	after bath Cologne	39 () 19	6	6	6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	deodorant spray) 15	0	6 5	0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	pre-electric shave lotion tonic hair dressing	36 0 36 0	18	0	6	0	FP3 828 20 0 5 0 2 11
	Headliners (1033 Raywarp)				10	11	HP3 and FP3 35 mm 20 exposure cassette135 34 0 9 0 5 1
	Beauty Cap	100 0 81 3	3 4	1	12 10	6	tiosone (413 Lilly) for oral suspension 60 mlis 7 Oea 10 6 TS
	Gigi Giltter Band	69 0 100 0		$\frac{5\frac{1}{2}}{0}$	8 12		Pulvules 125 mgm 24 10 10ea 16 3 TS
	Nitecap	54 6) 2	$\frac{81}{1}$	6	11	100 43 2ca 64 9 TS 500 208 6ea 312 9 TS
D	Rollacap	46 ($\frac{1}{3\frac{1}{2}}$	5		250 mgm 12 10 2ea 16 3 TS 100 83 6ea 125 3 TS
Delete	Healo (339 CG) C141 C142						500 406 2ea 609 3 TS
	Heel Pillo (1108 SMC)	11 6		7		6	Intravenous 250 mgm 12 4ea 18 6 TS
	Hosettos (1108 SMC) Hydeltracin (837 MSD) 15 mils	22 6 8 0	B 1 Dea	2	2 12	11	paedlatric 60 mils 6 0ea 9 0 TS tablets 100 mgm 24 9 10ea 14 9 TS
	Hydro-Adreson (917 Organon) eye ointment 2.5% 3 gm)		6	0 p1	100 38 10ea 68 3 TS 500 185 2ca 277 9 TS 250 mgm 12 10 2ea 15 3 TS
	skin lotlon 1% 20 mils	93 ()		11	7½ p1	250 mgm 12 10 2ea 15 3 TS
	skin ointment & cream 0.5% 15 gm	48 ()	• •	6	0 p1	100 83 6ea 125 3 TS 500 406 2ea 809 3 TS
	50 gm 1% 15 gm	132 0 78 0)		16 9	6 p1 9 p1	tnotyol (1067 Roberts)
	2·5% 50 gm 2·5% 5 gm	210 ())		26 8	3 p1	ointment
	15 gm	156 ()		19	6 p1	Inecto (1028 Rapidol)
	50 gm	474 (0		59	3 p1	Delete eream bleach 1½ oz

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Delete Delete Delete	ampoules 5% 0.5 gm 5 ampoules 5% 0.5 gm 6 ampoules 5% 1 gm 5 ampoules 5% 1 gm 6 suppositories 750 mgm flas Gold Seal 8 oz lizai (890 NC&C) tollet rolls Jaslyn (1070 Windsor)	 135 Ogross	12 20 12 5	0 6 7 †s1s4A .11 †s1s4A .0 †s1s4A .6 †s1s4A	Junior Lady Triplex V-Matic home + ear Kolantyl (838 MN) gel	84 6ea 21 2ea142 0 139 1ea 34 10ea234 0 179 1ea 44 9ea300 6 171 8ea 42 11ea288 6 190 7ea 47 8ea319 11 15 8ea 3 11ea 27 5 15 0 3 9 2 0 26 0 6 6 3 6 109 0 30 4 16 0 135 0 46 0 24 4 18 0 2 0 † 30 0 7 5 4 gross gross
Delete	mammoth ovals 2002 Jasmin de Corse (301 Coty) perfune	gross 44 gross g 636 0 310 7 6 1 40 0 70 0 24 0 12 30 0 15 22 6 11 30 0 15 45 0 22 lb 67 6 16 15 9ea 3 30 2ea 7 25 10ea 6 11 3ea 2 60 3ea 14 77 6ea 18 67 5ea 18 67 5ea 18 67 5ea 18 67 5ea 2 10 10 10 16 11ea 4 8 4ea 2 15 9ea 3 8 4ea 2 15 9ea 10 48 3ea 11 60 3ea 14 72 4ea 10 48 3ea 11 60 3ea 14 72 4ea 17	0 5 3 3 6 7 10 8 10ea 27 3ea 52 3ea 45 7½ea 105 9ea 135 4½ea 117 0 5 1ca 29 0ea 14 10ea 27 0ea 14 8ea 55 6ea 75 8ea 84 7½ea 105 6ea 126 6ea 126	1 0 0 0 9 6 0 0 9 9 6 0 0 9 6 0 0 0 6 0 0 0 0	bath oil 076 bath salts 074 bath salts 071 brilliantine 036 Cotymist 012 creamy skin perfume 058 dusting powder 060 eau de toilette 013	61
Delete Delete Delete	black handle	37 4ea 9 12 1ea 2 12 1ea 2	3ea231 6ea 39 8ea 55 9ea 65 9ea 62 75 8ea 84 6ea 24 1ea 29 1ea 21 1lea 3	0 0 0 0 0 111 11	016 017 017 018 018 017 018 018 019	78 0 38 0 13 6 130 0 38 0 13 6 130 0 63 4 22 6 43 6 21 3 7 6 661 0 29 9 10 0 666 6 32 5 11 6 121 6 59 3 21 0 216 6 105 7 37 6 580 0 282 9 100 0 32 0 15 7 5 6 33 6 8 2 4 6 27 6 13 5 4 9 50 6 24 7 8 9 43 6 21 3 7 6 147 6 71 11 25 6 636 0 310 1 110 0 240 0 26 8 †s4B 54 0 6 9 68 0 8 6 240 0 30 0 82 0ea 123 0 15 5ea 20 6 7 11 1 15 5ea 20 6

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	Special-O	156 8ea 38 220 2ea 53 456 8ea 456 8ea 704 8ea 704 8ea	9ea 364 665 666 1067	1	5901 228 6 111 5 39 6 5902 364 6 177 8 63 0 5903 694 0 338 4 120 0 5904 1156 0 563 7 200 0 Delete capsules 400 mgm
	eapsules 100 1000 Lobak (97 Bayer)	192 0 48 150 0ea 37 100 0 25	6ea 262	0 / 6 7	Delete Miners (876 MP) talemu 9 0 1 0 Miraglo (671 Jeyes) 13 6 1 6 Mischief (1105 Saville)
Delet	tablets 50 Lobidan (1258 UP) anti-smoking tablets e Loofalux (740 Laws) sponge L'Or (301 Coty)	79 0ea 19 100 0 25	9 136	3	(distributors 261 Christy) perfume 700
	perfume	14 0 6	1 110 11 2 5 2	0 3 9	Moditen (1176 Squibb) tablets
	wide neeked L'Origan (301 Coty) bath oil 076 074	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 10	6	Monekii "S" (328 CCC) tablets 50 148 6 32 6 p1s1 Monroes (78 SA&Co)
	bath salts 071 brillantlne 036 ereamy skin perfume 058	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 12	6 9 6	asthma powder 24 0 6 0 3 6 Morny (862 Morny) sonp bath (3) 511 49 7 12 4 6 6
	dusting powder 060 eau de toilette 013 015 016	84 0 41 35 0 17 50 6 24 78 0 38	1 6 7 8	6 0 9 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	hand lotion	$\begin{array}{ccccc} 130 & 0 & 63 \\ 43 & 6 & 21 \\ 61 & 0 & 29 \end{array}$	4 22 3 7 9 10	6 6 6	Muguet des Bois (301 Coty) bath oil 076 61 0 29 9 10 6 074 121 6 59 3 21 0
	7000 7001 7002 7003	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	11 25 9 45	6 6 0 0	bath salts 071
	perfuned sachets 87 soap toilet 082	$\begin{array}{cccc} 636 & 0 & 310 \\ 32 & 0 & 15 \\ 19 & 0 & 4 \end{array}$	1 110 7 5 8 2	0 6 6	dusting powder eau de tollette . 060 84 0 41 0 14 6 013 35 0 17 1 6 0 015 50 6 24 7 8 9 016 78 0 38 0 13 6
	bath	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5 4 7 8	6 9 9 6	017 130 0 63 4 22 6 face powder 050 33 0 16 1 5 9 hand lotion 068 43 6 21 3 7 6
	bath blossoms 20 salts 19	21 0 10 36 3 18 69 6 34	11 6	6 0 6	perfune 010 61 0 29 9 10 6 6000 66 6 32 5 11 6 6001 121 6 59 3 21 0 6002 216 6 105 7 37 6
	dusting powder 16 hand lotion 39 perfume miniature 2 medium 5	24 0 12 33 3 16 120 9 60	$\begin{array}{cccc} 0 & 4 \\ 7\frac{1}{2} & 5 \\ 4\frac{1}{2} & 20 \end{array}$	0 6 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	sapphire 7 spray 12 perfumed Cologne 1 oz 25	1014 6 507 90 6 45 33 3 16 45 3 22	3 15 7½ 6	0	soap toilet <t< th=""></t<>
	gift	63 6 31 30 0 15 5 9	9 10 0 5	6 0 10	Twistick
	soap (3) 46 spray set 37 talcum 15	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		6	Nailoid (31 AP) $\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Love Pat (1052 Revlon) petite compact refill	$\begin{array}{cccc} 90 & 0 & 45 \\ 45 & 0 & 22 \end{array}$		0 6	Nasofen (147 Boots)
Dele	hair eream		3 4 2	0	Delete Neophryn (97 Bayer) solution 1% 4 oz Delete Neopelatorni (97 Bayer) 2 oz and 8 oz Neopit (1091 Rybar) capsules 30 84 0 10 6 ellxir 4 oz 24 0 6 0 3
	dry ampoules 0.22 gm 100 with 12×2 mils aq. dest. sodium tablets gr $\frac{1}{2}$. 100 tablets gr $\frac{1}{2}$. 250				8 oz 44 0 11 0 6 6 6 1 oz 15 10 1 6 2 oz 29 10 2 10
	gr 1 100 gr 1½ 250 gr 2 50				$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Dele	te Mad Moment (876 MP)Cologue Medinal (187 BS) tablets 0.32 gm 100	60 0	6		Diend 37 2 02
Dele	250 0·5 gm · . 100 250 te Medivet (615 H&M) drench	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	15		68 0 17 0 10 0 206 0 51 6 30 0 "Schuessler" cabinet 432 0 108 0 63 0
	Medrone Veriderm (1263 Upjoh 5 gm Meggeson (831 Meggeson)	7 Oea	••		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	sore throat lozenges Mentasol (955 Pepsodent) tooth-paste	15 21	3 0 1	0	Nivea (1155 S&N) creme 362 9 0 4 6 1 6
	Mephosol (324 Crookes) tablets	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5 16	0 †s4B	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Meteor (301 Coty) eau de toilette . 5915	636 0 95 6 4	79	6 †84B	267 27 0 13 6 4 6 Delete Novalgin (97 Bayer) tablets 25 aud 1000 Nucla (1192 SGD)
	perfumc 5916 010 5956	61 0 2	1 11 25 9 9 10 9 3 17	6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

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0		301	ıL	12,141	1214	١.	10	1	пЕ	Спем	151	AND	DK	0661	51	F	ebru	ary	4, 19
	Nurse Sykes (1307 Water bronehial balsam	- /	19	0	4	9	2	9				nylex (208 npoule 1 m			40	0			e ma
Delete	Octaflex (1305 WB) refill		33	ŏ	8	3	2 5	ő			Polic	myelitis (9	69 Pfiz			0	• •	6	0 TS
	Ophthalmo-Antipeol (829 ointment	MBL) tube	17	0	4	0	2	5 p	191			ipoule 1 m	11	1	270 270	0		30	4 TS 0 TS
	Otosporin (208 BW) drop		32 96	Ŏ 0	8	ŏ	12		1s1			al 10 mils virin (518 G	laxo)	• •	32	6ea	• •	43	4 TS
	Ototrane (1305 WB) adhesive ear paint	5 gm	72	0		••	9	0			an	poules 1 n	ail	$\begin{array}{cc} \cdots & 1 \\ 6 \end{array}$	$\frac{48}{270}$	$0 \dots 0$	• •		$_{\mathrm{TS}}^{\mathrm{TS}}$
	Otto of roses/jasmine (10	70 Wind 65/66	lsor) 21	0	10	3	3	6				ls (256 CPI y skin erea		tube	14		7 5	2	4
	dusting powder 23	$\frac{70/71}{30/31}$	55 11	3	26		9	3 8			me	disturising ercam			15		7 11		6
	bath 23	$\frac{40/41}{60/61}$		11 0	$\frac{2}{5}$	4 3	3	2		Delete		Crottin	••	tube	15 14	10	7 11	2 2 2	6
Delete	Outdoor Girl (876 MP) eye peneil refill	00,02			10		•	•		Delete	tis	sues			22	6	7 5	2	6
Delete	nail white peneil over-30 cream		15	0	7	6	2	6			ba	th erystals		887	27	0	13 6	4	6
	glitter lipsticktaleum english rose		15 15	0	7 7	6	2	6			bu	perfume bble bath		2231	21 24	0	$\begin{array}{ccc} 10 & 6 \\ 6 & 0 \\ \end{array}$	3 3 7	6
	Pal (438 ER) s/edge blades (6)		26	3	6	7	2	3			fro	u de Cologi sted laven		129	42 21	0	$\begin{array}{ccc} 21 & 0 \\ 10 & 6 \end{array}$	3	6
	Panets (1305 WB)	•		okts)			-	•				Cologne fragrance Iere's Tae	 	370	21 21	0	$\begin{array}{ccc} 10 & 6 \\ 10 & 6 \end{array}$	3 3 4	6
	tablets	100	43 90	$\begin{array}{c} 6 & \dots \\ 0 & \dots \end{array}$		• •	11		8184A		lav	ender oil		2007	29 18	6	14 9 9 0	3	11
	Paris (301 Coty)	500	330	0			41		s1s4A		sm	wder erean		195	15 17	6	7 6 8 9	2	6 11
	bath oil	$076 \\ 074$	$\frac{61}{121}$	0 6	29 59	9	10 21	6			vie	yphon" pa olet oil		2013	13 18	$\frac{6}{0}$	$\begin{array}{ccc} 6 & 9 \\ 9 & 0 \end{array}$	2	3 0
	bath salts brilliantine	. 071	61 33	0	29 16	9 1	10	6				ortisyl (108 in eream 0	25%	sel) 15 gm	75	0		9	41 TS
	creamy skin perfume dusting powder	. 058	73 84	6		10 0	12 14	6					5%	5 gm 15 gm	$\frac{48}{126}$	$0 \dots 0$		6 15	0 TS 9 TS
	eau de toilette .	. 013 015	35 50	0	$\frac{17}{24}$	7	6	0			Pred	in lotion 0 nisolone (8	37 MS	20 mils D)	90	0	• •	11	3 TS
		$016 \\ 017$	78 130	0	38 63	0	13 22	6			tal	olets I mgr		100 500	$\frac{7}{30}$	9ea 0ea			TS TS
	hand lotion perfume	. 068	43 61	6	21 29	3 9	7 10	6			T) .	5 mgr		100 500	$\frac{26}{120}$	0ea 0ea	• •		TS TS
	portunio	7500 7501	78 147	0	38	$0 \\ 11$	13 25	6				lnisolone (9 olets 1 mgr		25	32	0		4	0 TS
		$7502 \\ 7503$	$\frac{260}{462}$		$\frac{126}{225}$	9	45 80	0						100 500	93 360	$0 \dots 0$		11 45	8 TS 0 TS
	perfumed sachets	7504	636	0	310 15		110	0				5 mgr	n	25	$\frac{90}{312}$	$0 \dots$		11 39	3 TS 0 TS
	soap toilet bath	. 082	19 33	0	4 8	8	2	6				Inisone (93		500	144	0ea	• •	180	0 TS
	taleum	0.00	27 50	6	$\frac{13}{24}$	2 5 7	4	9			1,541	olets 1 mgr	11	25 100	93	0	• •	11	0 TS 8 TS
	Twistick Penicillin V (378 DCBL)	. 019	43	6	$\overline{21}$	3	7	6				5 mgr	n	25	360 90	0	• • •	45 11	0 TS 3 TS
		. 2 oz	3	8ea		• •	5	6 T	'S		Drod	asin (518 G	lovo	$\frac{100}{500}$	$\frac{312}{144}$	0 0ea		39 180	0 TS 0 TS
	suspension 60	mils mils		10ea 10ea			5 5	9 T 9 T				olets		·· 50 500		10½ea		5	2 TS
	Penieillin-V-Sulpha (413 suspension 60	Lilly) mils	4	8ea			7		4BTS		Predi	nelan (518 olets 1 mgr	Glaxo)	100	28	6ea 9ea	• •	38 10	0 TS 4 TS
	Penitriad (971 PSMB) granules for 2½ oz		78	0			9		4BTS		021	5 mgr		500	30	0ea 0ea	• • •	40 12	0 TS 0 TS
	Penotrane (1305 WB) silicone eream 60 gm.		5	0ea			7	6				o mgr		100 500	$\frac{26}{120}$	0ea 0ea	• •	34 160	8 TS 0 TS
	200 gm 500 gm		$\frac{12}{25}$	0ea 0ea			18 37	6				nisone (147 olets 1 mgr			28	6	• •	3	2 TS
	Penvikal (971 PSMB) granules for 1½ oz		76	0			9	6 T	S		000	new I mgi		100 500	93 360	0		10 40	4 TS 0 TS
	Pepsodent (955 Pepsoden tooth-paste	t) •	14	$4\frac{1}{2}$	3	5	1 1					5 mgr	n	30	108 312	0 0	••	12	0 TS 8 TS
	Peritrate (1310 WW)		21	41/2	5	1	2 1	10			Predi	nisone (126	3 Upic	500	1440	ŏ	::	160	0 TS
	tablet sustained action	500	10 60	4ea 0ea		• •					tal	olets 5 mgn	n	30 100	$\frac{9}{26}$	0ea 0ea			TS TS
Delete	Phanodorm (97 Bayer) to Phillips (976 PS&T)	ablets 25									Predi	nisone (969	Pfizer	500	120	0ea			TŠ
	toothpaste		$\frac{13}{20}$	$\frac{11}{7}$	3 5	$\frac{63}{24}$	1 1 2 1					olets 1 mgn		$100 \\ 500$	93 360	$0 \dots 0$		11 45	7½ TS 0 TS
		1156	53	3	13	0	84	0				5 mgn	n	30 100	$\frac{108}{312}$	0		13 39	6 TS 0 TS
	Pilease (78 AS&Co) ointment		19	3	4	93	3	0			Preds	sol (518 Gla	ixo)	500	1440	0	• •	180	0 TS
	Pineate (655 ICC) eough syrup		20	8	5	2	2	9			eye	e ointment e/ear drops		3 gm 3 mils	3	9ea 0ea		. 5 . 5	0 TS 4 TS
	Pin-Up (955 Pepsodent) home perm		33	7	15		5	6				ion 0.1% 0.25%		10 mils 20 mils	$^{11}_{4}$	3ea 3ea		15 5	0 TS 8 TS
Delete	Pipanol (97 Bayer) tablet	s 2 mgn	52 a 250	5	24	11	8	9			oin	tment 0.25	9%	20 mils 15 gm	7 6	6ea 3ea		10	0 TS 4 TS
	Piptal (114 Benger)	5 mgn					10	0				0.59		5 gm 15 gm	$\frac{4}{10}$	0ea 6ea		5 14	4 TS 0 TS
Dalata	tablets 5 mgm	500	96 66	0 6ea			12	0				ol (518 Gla		oox of 7	45	6ea		60	8 TS
		100									Preds	ol-N (518 (Glaxo)						
	Plaisir (Raphael) (386 Do bath oil		56	0	28	0	9	6				e ointment e/ear drops		3 gm 3 mils	$\begin{array}{c} 4\\4\\12\end{array}$	3ea		5 5	8 TS 8 TS 0 TS
		mils	68	0	17	0	9	9			loti	ion 0·1%		10 mils 20 mils	4	0ea 9ea		16 6	4 TS

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	0.25% 20 mils	8 0ca	10	8 TS	dp 4 oz 30 0
	ointment 0.25% 15 gm 0.5% 5 gm	6 9ea 4 3ea	9	O TS	dp 2 litre 420 0 Sandersons (1097 Sandersons)
	Preparation "H" (655 ICC)	11 0ea	14		bad cold mixture
	suppositorics 6 Pretty Quick (1240 Tokalon)	26 6	6 8 3	6	indian brandce 2 oz 11 0 2 9 1 8 indigestlon mixture 18 0 4 6 2 6 infants soothing syrup 11 0 2 9 1 8
	(distributors 327 WC) compact	$\begin{array}{ccc} 15 & 0 \\ 10 & 6 \end{array}$	7 6 2 5 3 1		infants soothing syrup 11 0 2 9 1 8 throat specific 14 4 3 7 2 0 vapour rub 11 0 2 9 1 8
	eye shadow face powder small	6 0	3 0 1 4 6 1	0	Saville (1105 Saville) (distributors 261 Christy)
	hand cream	$\begin{array}{ccc} 7 & 6 \\ 12 & 0 \end{array}$	3 9 1	0	orange blossom perfume 500 24 0 12 0 4 0
	llpstick maseara & eye pencil scts	$\begin{array}{ccc} 15 & 0 \\ 12 & 0 \\ \end{array}$	6 0 2	6	stick 110 30 0 15 0 5 0 "Top-to-Toe" 332 30 0 15 0 5 0 334 45 0 22 6 7 6
lete	Prominal (97 Bayer) tablets ½ gr 1	7 6 1000	3 9 1	3	334 45 0 22 6 7 6 Scholl's (Dr.) (1108 SMC) balm with placenta . 120 0 60 0 19 6
	1 gr 1 3 gr 1				foot lotlon 28 0 14 0 4 8 met lift supports pair 60 0 7 6
	eushions Pursennid (1098 Sandoz)	12 0	1	6	met cushlon pair $20 \ 0 \ \dots \ 2 \ 6$ pine bath cubes $15 \ 0 \ 7 \ 6 \ 2 \ 6$
	tablets 20	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3		toe prop
	Radox (634 GH)	194 0	24		Scheriproct (1107 SAGB) (distributors 973 Pharmethicals) olutiment tubes dp 50 293 0ca 439 6 TS
	bath salts Redclo (1215 Tcasdale) lozenges	14 8 26 2	7 4 2 13 1 4		Delete Secret Love (876 MP) all products
	linseed, licorice & chlorof.	1 8 2 81b	58 9½lb 5	3 0	Secret Love Song (876 MP)
	Red Roses (1355 Yardley) taleum	27 0	13 6 4	6	Secto (333 Cupal) ant killer aerosol 5 oz 3 9
	Rennies (634 GH) 36×10 25	11 4 8 10	2 10 2 2½ 1 3 9½ 2		fly spray 5 oz 3 9 mothproofer 5 oz 3 9
	50 100 Replique (Raphael) (386 Douck)	$\begin{array}{ccc} 15 & 1 \\ 24 & 7 \end{array}$	3 9½ 2 6 1½ 3		woodworm killer 5 oz 3 9 Seleen (2 Abbott)
	bath oil Rexall (1053 Rexall)	56 0	28 0 9	6	suspension vet 6 oz 6 10ea 10 3 16 oz 17 0ea 25 6
	Childrens asprin 50 Rhino-Antipeol (829 MBL)	13 6	•	11	Selora (97 Bayer)
	ointment tube	$\begin{array}{ccc} 17 & 0 \\ 32 & 0 \end{array}$	4 0 2 8 0 4		Selsun (2 Abbott) cream
	Rhyso-Val (276 C&C) dragees 100 Ricory (883 Nestle) 4 oz	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4	0 †s4B	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Rikospray (1061 Riker)			· ·	4 oz 6 10ea 10 3 Seventh Heaven (1105 Saville)
	sillcone hp benzocaine hp Roberts Windsor (1070 Windsor)	46 Oea 36 Oea	11 6ea		(distributors 261 Christy) perfume 800 24 0 12 0 4 0 stick 110 30 0 15 0 5 0
	bath cubes1116 bath disk1103	$\begin{array}{ccc} 18 & 6 \\ 14 & 6 \end{array}$	3 6½ 1	0 11	cocktail shaker 101 22 6 11 3 3 9 "Top-to-Toe" 332 30 0 15 0 5 0
	hand cream	15 6			334 45 0 22 6 7 6 Signal (509 Gibbs)
	toilet1451 bath1452	8 9 17 6	2 1½ 1 4 3½ 2	4	toothpaste $\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Hi-White family pack 5050 handy size	150 0 gross 60 0	1	6	Silvapin (1030 Ravlka) 14 0 7 0 3 0 lavender bath tablets (5) 14 0 7 0 3 0 10 pkts 10 pkts
	soap flakes 5081	gross 208 0	1	8	Sipolite (361 Dearborn) 27 0 13 6 4 6 Sister Laura's (1146 SL)
	soap toilet1101	gross 6 11	1 81	11	food 8 oz 23 9 2 6 16 oz 45 2 4 9
	luxury size1106 taleum powder1115 Roccal (97 Bayer)	$\begin{array}{ccc} 11 & 4 \\ 16 & 9 \end{array}$	2 9 1 8 2 2		8kylon (461 FL) feeding bottle 13 4 1 8
	antiseptie 6 oz	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 5		Snowfire (563 Hampshire) baby powder 154 S 38 2 1 9
lete	cream all sizes	150 0	17		healing tablets 59 8 14 9 8
	8.7 (218 Calmic) cream 30 gm	46 0	11 6 6		gross gross 150 6 37 2 1 8 gross gross
	dusting powder 15 gm 75 gm jelly 15 gm	25 0 59 0 26 0	6 3 3 14 9 8 6 6 3	7	Soothene (727 Lane) antiseptic ointment 1 oz 17 11 4 6 2 6
	Safoin (63 Arnold) colour-gloss oil	38 0	19 0 6		Speedway (438 ER) s/edge blades (6) 27 10 6 11 2 0
	glamour hair rinse	38 0 44 0	19 0 6 22 0 7	4	8purt (1037 Reckitt) (24 pkts) (24 pkts)
	bleach white henna	$\begin{array}{ccc} 44 & 0 \\ 38 & 0 \end{array}$	22 0 7 19 0 6		Ilquid feed
	St. James Balm (829 MBL)	$\begin{array}{ccc} 16 & 0 \\ 29 & 0 \end{array}$	4 0 2 7 0 4	3 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Salimed (830 Medo) tablets 100	72 0	9		aerosol 58 3 14 $2\frac{7}{2}$ 7 9 Stelabid (1153 SKF)
	250 500 1000	13 4ea 21 0ea 40 0ea	20 31 60	6	tablets 30 144 0 18 0 †s4B 250 95 0ea 142 6 †s4B
	eompound 25 100	40 0 10 6ca	5	0 †s1s4A	Delete Stclabid (1153 SKF) Spansules
	Salupres (837 MSD) 250	24 0ea	36	0 †s1s4A	Stelazine (1153 SKF) Spansules 2 mgm 30 12 0ea 18 0 †s4B
	tablets 25 Sancos (1098 Sandoz)	6 Oea	9	·	250 95 0ea 142 6 †s4B Stemetil (971 PSMB)
	syrup 2 oz	18 0	4 6 2	8	Delete ampoules 1.25% 2 mils 10

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	1						1 volumny 1, 1701
Delete	Sterathal (1305 WB) suspension Streptomycin (147 Boots) sulpha		nd 16 c	OZ			Toddlers' (122 Bickiepegs)
	ampoules 0.75 gm × 1.5 mil		0.0		44	3 ma	crusts 16 6 1 10 Tokalon (1240 Tokalon)
	100		6ca 0ea		11 180	3 TS 0 TS	(distributors 327 WC) cleansing cream jar 7 6 3 9 1 3
	Striatran (837 MSD) tablets 200 mgm 25		0ea		10	6 †s4]	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	8tride (179 BDH) 100		0ea 0	5 0ea	35	0 †s41	face powder large 15 0 7 6 2 6 rose skinfood jar 9 0 4 6 1 6
	Styx (301 Coty) perfume 8004	636	0 31	10 1	110	0	15 0 7 6 2 6 30 0 15 0 5 0
	Suba-Seal (479 WF) bathing caps						vanishing cream jar 9 0 4 6 1 6 15 0 7 6 2 6
Delete	Chic		6	2 0	3	9	
	Suba-Charm Suba-Joy		0	$\begin{array}{ccc} 2 & 0 \\ 2 & 0 \end{array}$	4 5	6 11	Tonrinz (563 Hampshire) 44 9 22 1 7 Trescatyl (971 PSMB) gross gross
	Suba-Gay Submarine (555 Haffenden)		0	2 0	5	3	powder 2 gm 80 0 20 0 11 8
	swimming caps liairline No 1	30	4	1 6	3	11	tablets 250 mgm 50 43 4ca 10 10ea 75 10 Tri-Adcortyl (1176 Squib)
Delete							$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	suspension 2 oz Sunsilk (509 Gibbs)	78	0	• •	9	9 s4B	
Delete							20 oz 256 0 64 0 37 4 †s7
	Super Cryozol (328 CCC) 12 Supersoft (563 Hampshire)	278	5	65 3	34	5	Junior foods jar 12 0 1 3 Trugel (634 GH) 17 4 8 8 2 10
	hand cream			57 0	1	6	Tutu (1105 Saville)
	Sure Shield (549 Guest)	gross		gross			(distributors 261 Christy) perfume 900 24 0 12 0 4 0
	antiseptic cream cold relief tablets		0 6	$4 \dot{7}\frac{1}{2}$	2	3 9	stick 110 30 0 15 0 5 0 cocktail shaker 101 22 6 11 3 3 9
	pastilles antiseptic		6	$2 \ 10\frac{1}{2}$	1	9	"Top-to-Toe" 332 30 0 15 0 5 0 334 45 0 22 6 7 6
	blackcurrant & glyccrine catarrh	11 -	$6 \dots 6$	2 101	1	6 9	Tyrimide (1153 SKF) tablets 5 mgm 30 92 6 11 7
	cherry cough children's cough	11 -	6 6	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1	9	Valderma (343 DH) 250 57 10ea 86 9
	codeine linctus Gee's B.P.C		$\begin{array}{c} 6 \\ 6 \end{array}$	$3 1\frac{1}{2}$	2	6	tube large 30 7½ 3 6 Val-Pak (343 DH)
	Gee's & chlorodyne glycerine, lemon & honey		6 6		1	6	tube 14 6 7 3 2 3 Vandid (1061 Riker)
	honey, aniseed & friars menthol et cucalyptus		6	$\begin{array}{cccc} 2 & 10\frac{1}{2} \\ 2 & 10\frac{1}{2} \end{array}$	1	9	infusion 540 mils 25 4ea 38 0 Delete Vanese (1268 VP) antigastric mixture
	menthol et eucalyptol B.P.C.1949		6		1	6	Vanquin (938 PD)
	pholoodine smoker's cough	12	6	2 101	1	9	16 oz 720 0 90 0
	Vox bronchial		6	$\frac{2}{2} \frac{10^{\frac{1}{2}}}{10^{\frac{1}{2}}}$	i	9	Vaseline (256 CPL) petroleum jelly
	Sustacol (972 Pharmax) tablets 20	6	4lea			†s4.	ycllow dp 7 lb 150 0 whlte dp 7 lb 192 0
	\$ybol (987 PPL) 200 z		0ea 0		12	6	hair cream dlspenser
	Tabloid (208 BW) ergometrine maleate						V-Cil-K (413 Lilly) syrup 30 mils 3 10ea 5 9 TS
	injection 0.5 mgm/1 mil10 100		0		8 65	6 plsi 0 plsi	60 mils 6 4ea 9 6 TS V-Cil-K Sulpha (413 Lilly)
	tablets 0·5 mgm 25	100	0		12 43	6 pls: 3 pls:	suspension 60 mils 4 8ea 7 0†s4BTS Vecortenol (262 CIBA)
		1512 - 6	0	10 6	189	0 pls	injection 100 mgm 4 mils 12 11ea 16 1 TSVPO 250 mgm 10 mils 30 0ea 37 6 TSVPO
	Taractan (1074 Roche) ampoules 30 mgm 6		0		9	3	Vegolysen (971PSMB) Delete solution 10% 1 mil 10
	50	43	4ea 0		65 5	0	Veno's (104 BP) cough mixture 31 2 7 9½ 4 0
	250	14 8	8ea 0		22 11	0	Venules (97 Bayer) automatic syringe plain 16 6 1 10
	250		0ca		45 28	0	
	50 mgm 50 250 T.B.P. (174 BA)	75	0ea 0ea		112	6	Vetidrex (262 CIBA) injection vial 10 mils 1 16 9ea 21 0 VSO
	hair and scalp treatment	22	6	$5 - 7\frac{1}{2}$	2	11½	5 80 4ea 100 6 VSO tablets 25 11 0ea 13 9 VSO
	Tenuate (838 MN) tablets 30	72	0		9	0	100 41 8ea 52 3 VSO Viacutan (1305 WB)
	100 500	212 - 0	0 8ea	• •	26 127	6	tulle 5 in ×5 yd hp 264 0 66 0 38 6 Vigdor (299 CV)
	Terra-Cortril (969 Pfizer) spray 1 oz	174	0		21	9 TS	after shave lotion 9½ oz 80 0 39 0 13 6 bath oil capsules
	Tersavid (1074 Roche) tablets 50 mgm 50	88 (0		11	0	"Brolly" pack 25 6 12 5 4 3 "Fairy Wand" 20 0 9 9 3 4
Delete	Theominal (97 Bayer) tablets 50		0ea		42	ŏ	bubble bath essence "Pink Champagne" sachet 6 10 1 8 1 0
Dettile	Thrive (1037 Reckitt)						2-3 bath 17 0 4 2 2 6 6 bath 32 6 7 11 4 9
	fertillser 1 lb 3 lb		0		2	0	18 bath 65 6 16 0 9 6
	7 lb	56 (0	• •	7	0	eau de Cologne or lavender
	14 lb 28 lb	164 (0		20	6	decanter 26 oz 66 6 32 5 11 0
	Thru (1053 Rexall)		0	••	38	0	export Cologne or lavender water "Champagne" 4 oz 42 0 20 6 7 0
	jel 2 oz liquid 2 oz	41 (0		4	9 pl 9 pl	"Raffia Net" eau de Cologne 12 oz 42 0 20 6 7 0
	Toddilox (563 Hampshire) 5 oz	66 C)	8 5	8 2	0 pl 9	"Winchester" eau de Cologne 20 oz 42 0 20 6 7 0

You may now telephone your Classified Advertisement.

Ring CEN 6565 by 12 noon Wednesday for same week, subject to space being available.

	40 oz talcum powder drum 10 oz Vioform (262 CIBA) veterinary	80 14	0	39 0 6 9	13 2	3 4	Zap (1070 Windsor) pumice soap
	hydrocortisone salve scour paste 2 oz tablets 30	4 7 4	2ea 8ca 3ea		5 9 5	3 TSVSO 9 4½	Zarontin (938 PJ)) capsules 0·25 gm 50 14 0ea 21 0 500 126 8ea 190 0
	Vionate (1176 Squibb)	23 3 18	9ea 8ea 8ea		29 5 28	9 6 0	AMENDMENTS TO KEY TO SUPPLIERS:
	10 lb 50 lb	80 333	0ea 4ea		120 500	0	(154B) = BOEHRINGER INGELHEIM, (DIVISION OF PFIZER, LTD.). 137 Sandgate Road, Folkestone, Kent. Folkestone 51961
Delete	Vita-Glow (299 CV) Walk Strates (1108 SMC) pair Wellcome (208 BW)	30	0	1 6	3	11	 (292 C) = CONTINENTAL LABORATORIES, LTD., 85 Church Road, Hove, Sussex. Hove 70599. (371 Destrol) = DESTROL LTD., 64 Cannon Street, London, E.C.4. (461 FL) = FIBRENYLE, LTD., Skylon House, Park Royal Road, London,
	ergometrine malcate 0.5 mgm ln 1 mll 10	68	0		8	6 pls1	N.W.10. Elgar 6006.
Delete	tetanus toxoid 0·5 mil 3 1 cc 3	36	0	•	65 4	0 p1s1	(483 Fryer) = FRYER & CO. (NELSON), LTD., Victory Factories, Nelson, Lancs. Nelson 64311.
Delete	vial 5 mils 10 mils		0		9	6	(506 Gerhardt) = GERHARDT-PENICK & CO., LTD., Thornton Laboratories, Purley Way, Croydon, Surrey. Thornton Heath 4266, (580 Havinden) = G. HAVINDEN, LTD., 61 Lilford Road, London, S.E.5.
Delete	calcium borogluconate solution 20% vet. 400 cc Wernets Dr. (1178 Stafford)						Brixton 8762. Delete (604 Hewlett) = C. J. HEWLETT & SON, LTD. (604 AH) = ASTRA-HEWLETT, LTD.
	(distributors 451 F&J) denture powder	26	0		3	3	(816 Mayborn) = MAYBORN PRODUCTS, LTD., 139 Sydenham Road, London, S E.26. Sydenham 4422.
		192 720	0 0				(834 ML) = MILES LABORATORIES, LTD., Stoke Court, Stoke Poges, Bucks. Farnham Common 1280. (1017 PO) = PULLIN OPTICAL CO., LTD., Ellis House, Aintree Road,
	Winslow's, Mrs. (261 Christy) syrup		7	5 2	3	0	Perivale, Middlesex. Alperton 1541 (1047 Rentokil) = RENTOKIL PRODUCTS, LTD., School Lane, Fetcham,
	Wright's (1351 WLU) shampoo liquid soapless sachet	12 3 de		3 1½ 3 doz		7	Surrey. Leatherhead 4021. (1105 Saville) = SAVILLE PERFUMERY, LTD., 16 Sackville Street.
	Yardley (1355 Yardley) after shave lotion2058	36	0	18 0	6	0	London, W.1. Regent 4344. (1144 DS)=(Dr.) SINGHA CO., LTD., 1 Victoria Street, Caernarvon. Caernarvon 2117.
	astringent lotion1430 brilliantine solid1639	21	0	$ \begin{array}{cccc} 31 & 6 \\ 18 & 0 \\ 10 & 6 \end{array} $	10 6 3	6 0 6	(1258 UP) = UNI-PHARMA, LTD., 229A Shaftesbury Avenue, London, W.C.1. Temple Bar 997I. (1262 UL) = UNIVERSAL LABORATORIES, LTD., Wear Bay Road.
	spirit1641 1637	27 30	0	$\begin{array}{ccc} 13 & 6 \\ 15 & 0 \end{array}$	5	6	Folkestone, Kent. Folkestone 51981. (1379 DT) = DAVID TAYLOR & SON, LTD., Taylor House, 52 Southwark
	complexion milk1419 dryskin cleansing cream 1413J	36 33		18 0 16 6	6 5	6	Street, London, S.E.1. Hop 4499.
	1413L English complexion cream	54	0	27 0	9	0	THIS WEEK'S CHANGES
	1414J 1414L feather foundation	54	0	$ \begin{array}{cccc} 16 & 6 \\ 27 & 0 \\ 16 & 6 \end{array} $	5 9 5	6 0 6	NEW and altered entries notified for the first time. $A = Advanced. R = Reduced.$
	foundation cream1410 hair oil1734	$\frac{33}{24}$	0	$\begin{array}{ccc} 16 & 6 \\ 12 & 0 \end{array}$	5 4	6	Entries new this week are marked thus: — • .4 Adheron (1052 Revion) 1201 33 0 16 6 5 6
	hand cream	$\frac{27}{40}$ 58	0	$ \begin{array}{cccc} 13 & 6 \\ 20 & 0 \\ 29 & 0 \end{array} $	4 6 9	6 8 8	R Anacobin (179 BDH) anpoules 1 mil
	7284 7286	$\frac{80}{120}$	0	40 0 60 0	13 20	4	50 mgm/mil 25
	bath dusting powder 1709 quick change refill 68 liquefying cleansing cream	72 27		36 0 13 6	12	6	25 336 0 42 0 Angier (493 Gambles)
	1412J 1412L	$\frac{33}{54}$		$\begin{array}{ccc} 16 & 6 \\ 27 & 0 \end{array}$	5 9	6	.1 jimior aspirin tablets 50 12 0 3 0 1 9 Betnelan (518 Glaxo) tablets 30 7 10½ea 10 6 TS
	pre-electric shaving lotion 2022 skin freshener1418	$\frac{42}{36}$		21 0 18 0	7 6	0	tablets 30
	talcum =	27 45	0	13 6 22 6	4	6	A Clean and Clear (1052 Revion) 0654 61 6 30 9 10 3
	taleum invisible2008 shower2009 tender skiu lotion2158	33 36 39	0	$ \begin{array}{cccc} 16 & 6 \\ 18 & 0 \\ 19 & 6 \end{array} $	5 6 6	6 0 6	● Crolax (324 Crookes) tablets
	violet hair oil	$\frac{24}{39}$	$\frac{0}{0}$	$\begin{array}{ccc} 12 & 0 \\ 19 & 6 \end{array}$	4 6	6	250 132 0 33 0 19 3 Delete Crolax (324 Crookes) capsules all sizes
	Youthexa (63 Arnold) after-hair lotion	57 44		28 6 22 0	9	4	● Dandricide (414 Elliman) rinse 4 oz 51 4 12 10 7 6 ● Dex (831 Meggeson)
	anti-grease scalp pack	66 44	0	$\begin{array}{ccc} 33 & 0 \\ 22 & 0 \end{array}$	11	0	Pastilets
	astringent cream	66 44 66	0	33 0 22 0 33 0	11 7 11	0 4 0	↑ ampoules ½ mil × 3
	blackhead remover outfit cleansing cream	66 44	0	$\begin{array}{ccc} 33 & 0 \\ 22 & 0 \end{array}$	11 7	0 4	A dyes hot wafer \$ 0 1 0 cold water \$ 0 1 0
	easy hair tint	$\frac{66}{38}$	0	33 0 19 0 22 0	11 6 7	0 4 4	Evening in Paris (150 Bourjois) skin perfume
	tinting crayon remover stick	38 29	0	19 0 14 6		4	A Eyemakers a la Carte (1052 Revlon) eyebrow peneil propelling 93 0 46 6 15 6 eye shadow stick
	hand balm	44 44 66	0 0	22 0 22 0 33 0	7 7 11	4 4 0	mascara roll-on refills 58 6 29 3 9 9 frosted
	hand cream	44 66	0	$\begin{array}{ccc} 22 & 0 \\ 33 & 0 \end{array}$	7 11	4 -	A Farleys (448 Farleys) rnsks 9½ 14 5 1 6
	powderstone hair eraser skin food cream	66 44 66	0	33 0 22 0 33 0	11 7 11	0 4 0	A Hi and Dri (1052 Revlon) roll-on deodorant0851 49 6 24 9 8 3
	tonic clay pack	44 66	0	22 0 33 0	7 11	4	Instant Postum (130 Bird) 37 0 3 11 A Intimate (1052 Revion) 0021 75 0 27 6 12 6
	tonic eyelash cream wrinkle cream	38 44 66	0	$ \begin{array}{ccc} 19 & 0 \\ 22 & 0 \\ 33 & 0 \end{array} $	6 7 11	4 4 0	taleum

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	Lactagol (720 Lactago)	1)									lip
A	powder	4 oz	26	3				11			111
4	Liquid Asset (1052 Rev	S oz	47	3			5	3			
		0721	75	0	37	6	12	6			lir
_		0664	129	0	64	6	21	6			111
•	Merbentyl Dospan (838 tablets		100				4.0	_			lic
	Parke-Davis (938 PD)	30	102	0			12	9			na
Delete	catarrh vaccine set	of 3								크	
Delete		s 0∙5 gm	1000							á	
Delete		cury eye	ointme	nt 2%	, D						na
Ii	Penicillamine (378 DC) capsules 150 mgm	100	410	0ea			615		TS		no
	Revion (1052 Revion)	100	410	oca			013	U	10		no so
	aquamarine -									21	su
	bath cubes	9056	36	0	18	0	6	0			
	dusting powder	0302	111	0	55	6	18	6			
	eau de toilette	0964 0965	87 141	0	43 70	6	14 23	6			Risu
	lotion 4 oz	0807	46	6	23	3	7	9		•	cr
-A	5 oz	0801	53	6	26	9	8	11			Seal
	6 oz	0839	66	0	33	0	- 11	0			Seve
4	deodorant	0882	$\frac{51}{72}$	0	25 18	6	8 10	6		.1	2646
	spray mist	0785	177	ŏ	88	6	29	6			Teta
.4	tale	0607	63	ŏ	31	6	10	6		•	an
	beauty case	9982	110	0ea	27		a 192	6		Delete	vi
	build up cheekstick	0788	$\frac{129}{51}$	0	$\frac{64}{25}$	6	21 8	6		Detete A	U.R.
	cuticle massage crea		57	0	28	6	ŝ	6			oi
	oil	0400	36	ŏ	18	ŏ	6	ŏ		.4	Wak
	remover	0405	36	0	18	0	6			2.1	
	creamy	0241	51	0	25	6	8	0 6 3 3		•	Zyne
	face powder frosted profile	0614 0222	37 49	6	18 24	9	6	3			oi
	riostoù prome		*3	0	-4	3	۰	3			

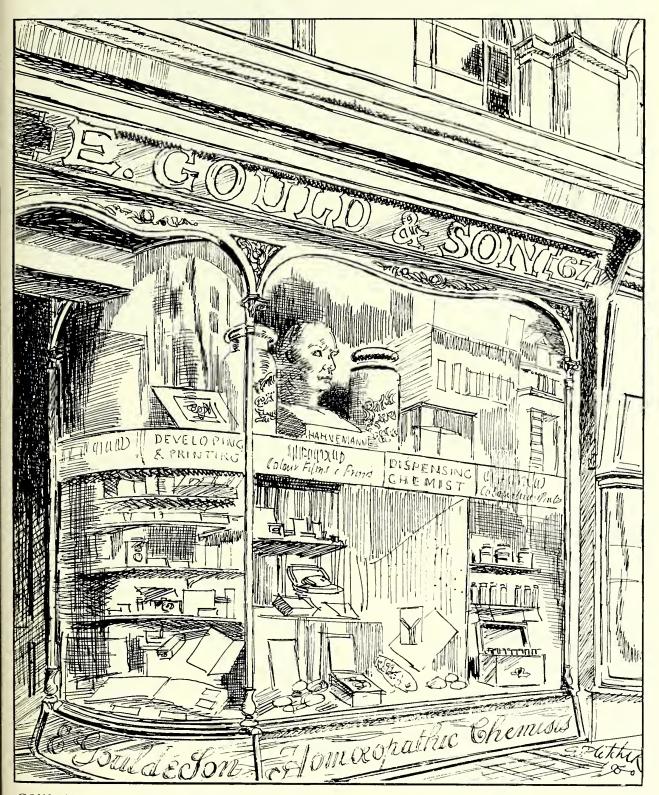
	lipstick Lanolite0523	69	0	34	6	11	6
	refill0556	39	ŏ	19	6	6	6
	Lustrous0574	69	0	34	6	11	6
	refill0557	39	0	19	6	6	6
	lipstick case Futurama 0502	64	6	32	3	10	9
	0505	64	6	32	3	10	9
	liquid rouge0702	46	6	23	3	7	9
	nail cream0301	36	0	18	0	6	0
ᆆ	enamel regular0101	33	0	16	6	5	6
A	frosted0111	49	6	24	9	8	9 9 0 6 3 6
4	gold0120	57	0	28	6	9	6
	nail fix	41	6	20	9	6	11
	non-smear remover0419	24	0	12	0	4	0
- 4	non-smudge remover 0424 solvent	33	0	16	6	5 4	6
A		24	0	12	6	8	0
	sun bath normal0696 0695	51 63	0	$\frac{25}{31}$	6	10	6 0 6
	sensitive0609	57	0	28	6	9	6
	0697	69	ŏ	34	6	11	6
	Risunal (503 G)	09	U	04	U	• • •	0
	cream 20 gm	28	6	7	11		
A		33	0	16	6	5	
		33	0	10	0	3	6
\mathcal{A}							
	0408	75	0	37	6	12	6
_	Tetanus toxoid (938 PD)						_
_	ampoules ½ mil ×3	36	0			4	6
Delate	vial 5 mils	76	0		• •	9	6
Detete	Tusana (147 Boots) 20 oz and 80	oz					
-3.	U.R.A. (912 O) ointment 1 oz	21	6	5	4	3	0
		21	0	9	+	3	U
-4	Waking Beauty (1052 Revlon)						
_	0919	75	0	37	6	12	6
•	Zynotracin (378 DCBL)	_					• 1000
	ointment 5 gm	5	6ea			8	3 TS
	15 gm	15	0ea			22	6 TS

CHEMIST AND DRUGGIST INFORMATION DEPARTMENT is at your service

THE Information Department at 28 Essex Street, London, W.C.2, undertakes to give to subscribers the sources of supply of products within the pharmaceutical industry and to provide information on technical problems.

Inquiries sent to the department by post should be accompanied by a stamped addressed envelope. Inquiries may also be put by telephone: CENtral 6565.

PHARMACIES OF BRITAIN



GOULD'S PHARMACY IN MOORGATE, LONDON

The late-Victorian pharmacy of Goulds (Edes, Gould & Son, Ltd.), Moorgate, founded in 1849, was previously at No. 35 Moorgate, in Regency premises that are to be demolished in the near future. The business was a family concern until about thirty years ago.



 $\frac{1}{2}$ -oz. to 16-oz. PLAIN OVALS 4-oz., 8-oz. and 16-oz. BOW-FRONT PANELS 1-oz. to 8-oz. and 16-oz. OLIVE OIL BOTTLES 2½-oz., 5-oz. and 10-oz. RECTANGULAR TABLET BOTTLES
Nos. 1,2,3,4,5,6 and 9 sizes.
OVAL TABLET BOTTLES Nos. 1 to 7½ sizes. **ROUND SCREW JARS** Tall and semi-squat PANEL FLATS 1-oz. to 4-oz. VIALS

AMBER BOTTLES We can now offer certain types of Glass Containers in Amber and your enquiries are invited.

WHOLESALE ONLY

½-oz. to 3-oz.

GLASS WORKS (YORK) LTD

FISHERGATE, YORK. Tel. YORK 23021 London Office: CAROLINE HOUSE, 55-57 HIGH HOLBORN. LONDON, W.C.1. Tel. HOLBORN 2146

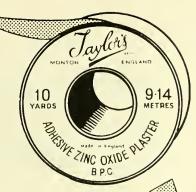






'NATIONAL' Glass Containers are packed in closed-top sealed dust free cartons which are easily handled.





There's always a steady sale for



ZINC OXIDE PLASTER

EDWARD TAYLOR LTD MONTON, ECCLES, MANCHESTER



Eye-catching advertisements attract modern mothers to **PADDI** AND **PADDI** - pads

"No more nappy washing" is wonderful news for busy mothers. No wonder they're switching to PADDI and PADDI-pads—the adjustable nappy-holder and disposable pads. So soft and smooth for baby's skin—so simple for mother.

They will see the advertisements for PADDI and PADDI-pads in many widely read publications — make sure you are ready to meet the growing demand.

PADDI garment Selling price: 5/6d, each.
PADDI-PADS Selling price: 1/9d, per packet of 10.

ROBINSON & SONS LIMITED WHEAT BRIDGE MILLS, CHESTERFIELD

There is a constant demand for





ELASTIC NET BANDAGES

The Lastoyarn CRÊPE Bandage retains its width and has first class stretch quality. Useful for every bandaging need. May be prescribed under N.H.S.



SPECIFIED BY MINISTRY OF LASTONET PRODUCTS LTD., Carn Brea. Redruth, Cornwall



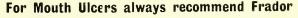
CAERPHILLY ROAD, CARDIFF



I'll call in at the Chemist's —he'll help!

Her trouble is mouth ulcers—and what to heal them with. Common sense leads her straight to the chemist. He knows about these minor ailments, and is always ready to advise on the best remedy. Better still, he can at the same time provide it.

In all cases of mouth ulcers, including those of the tongue and gums, the remedy to recommend is Frador. This—a well established and advertised product with the name of John Bell behind it—is a complete treatment developed specifically for this painful condition. Frador gives prompt relief and rapid healing. And to the chemist it gives a good profit and a satisfied "come-again" customer.



A recent estimate put the number of cases of mouth ulcers occurring
every year in the U.K. at one million.
That is business no chemist can afford to miss.





A product of

JOHN BELL, HILLS & LUCAS LTD.,

Oxford Works, Worsley Bridge Road, London, S.E.26



Shades
IVORY NATURAL PEACH SUNGOLD
OCHRE APRICOT and RACHEL
TUBES No. 2 No. 3
TRADE 8/- doz. 13/2 doz. RETAIL 1/4 each 2/3 each
JARS: TRADE 19/2 doz. RETAIL 3/3 each.



GRANOSE ROLLS A QUICK SELLING SLIMMING LINE CRANOSE ROLLS GRANOSE ROLLS GRANO

Have you adequate stocks
of these popular rolls?

Demand is growing and, on terms of 25% or
more, they make a most profitable line.

GRANOSE FOODS LTD.
STANBOROUGH PARK, WATFORD, HERTFORDSHIRE

ANALGESICS

For many years we have been engaged in this field of manufacture with the result that we now offer the following, all of which, in their separate ways play an increasing and important part in the alleviation of suffering

ASPIRIN B.P.
PARACETAMOL PURE
SALICYLAMIDE PURE





Quality and Service

We would welcome the opportunity of quoting our keenest prices and submitting samples.

GRAESSER SALICYLATES LIMITED SANDYCROFT, NR. CHESTER

Telephone: HAWARDEN 2125 Telegrames "QUALITY" CHESTER

A reminder for your 'wants list'

falapen

Your wholesaler has it in cartons of 100 foil-pack tablets at 55s. net.



DUNCAN, FLOCKHART & CO. LTD., EDINBURGH 11

CASH IN ON KISBY!!

the Dry Shampoo Powder in the Sell-On-Sight Polythene Tube

KISBY . . . the wonderful new dry shampoo with a strong practical appeal to women! Simply apply it . . . rub in . . . and brush out after ten minutes. A novel and original line in an eye-arresting polythene pack! Display KISBY and it will sell itself. KISBY-the new Dry Shampoo Powder-will make new customers for you and bring you extra profits.

BONUS OFFER-13 TO THE DOZEN!!

METAL STAND DISPLAY UNIT HOLDING TWELVE 2/9 TUBES SUPPLIED FREE WITH EVERY INITIAL ORDER OF 2 DOZEN OR MORE TUBES.

Available from Wholesalers or direct from Sole Distributors:

ROBERTS CHEMISTS (BOND ST.) LTD.,

76 New Bond Street, London W.1 Mayfair 4173-4



PRICE STRUCTURE

Size	Retail (inc. tax)	Wholesale (per doz.)	P.T. (per doz.)
4 Shampoo Tube in 2 doz. display carton	2/9	21/-	5/3
20 Shampoo Tube	6/8	50/-	12/6

The Best costs no more!

when ordering ZINC OXIDE insist on-



AND GET THE

Highest Standard of Purity

WHOLESALERS ONLY SUPPLIED **ENGLISH MANUFACTURE** USED THROUGHOUT THE WORLD

Guaranteed free from lead and arsenic, its manufacture is supervised throughout by qualified chemists. Each particle size will pass 240 mesh with less than 0.1% residue.

We supply most Wholesalers, but should you have difficulty please contact

H. LATTIMER 17 THE RISE, EWELL, EPSOM

Telephone: EWELL 4940

Manufactured by FELLING ZINC OXIDE CO., LTD.



hair beauty PREPARATIONS **SELL ON SIGHT!**

Spraying Hair Lacquer

Retails at 3/9

The finest of hair lacquers with a delightful perfume available in the new Super Spray 2½ oz. polythene bottle (various colours) in attractive individually packed cartons, and boxed in 1 doz. units in eye-catching display outers. Refill sachets also available packed in 2 doz. outers retail at 2/3.



Egg and Lemon CREAM SHAMPOO Retails at 3/9

24 shampoos in plastic injector dispenser—Hair and scalp always kept at its best with this high-foaming soapless cream shampoo made from the natural benefits of shell eggs and juice of fresh lemons. Trial—3 shampoos, tubes 9d.; 3 individual shampoos linked together 10½d, all packed in well-designed display outers.



Scalp Milk Retails at 3/3

An alleviating scalp lotion for use after shampooing and before setting. Allays scurf irritation; quick drying action holds the hair, removes tangles, leaves hair free from all deposits and with a beautiful lustre.



PRIDE PRODUCTS SELL ON SIGHT!

These Fast-Selling lines are now being advertised continuously in National magazines.

From your usual wholesaler or direct-

B. N. FURMAN (PRODUCTIONS) LTD., 133 Fonthill Road, N.4



icotex

another good line for the chemist...

Cleans away unsightly stains from the hands



Easily removes

NICOTINE . FRUIT · VEGETABLE INK and TYPEWRITER INK and other stains from hands, fingers and nails.

* packed in attractive display outers each 21/- Per dozen containing six jars: + P.T. 50% Retailing at 3/6d

Maria St. George LTD. Spray.

Sole Manufacturers of Instant NAIL DRY

12 PHILLIMORE TERRACE, W.8.

Tel: WEStern 6534





More and more women are using SHAW hairnets, as a means of making an expensive salon styled perm or set last longer.

LION 9

Nylon Hair Nets

SUREFIT

Slumber Net

ROLLER NETS
a natural companion for hair rollers

Available in all shades in attractive film envelopes packed on hanging cards, circular cards, counter units and peg display envelopes.

ROBERT SHAW & CO LTD

ASCOT WORKS

ASCOT ROAD · NOTTINGHAM

WHOLESALE AND EXPORT ONLY

Fast aid

for the Family

ST. JAMES' BALM is the proven remedy for common skin troubles—and for some quite uncommon ones too! Because it contains the broth filtrates of the microbes causing most skin infections, treatment is successful in an exceptional number of cases. ST. JAMES' BALM is therefore the ideal general-purpose ointment for family use. On merit alone, ST. JAMES' BALM is in steadily increasing demand. You may stock and recommend it with absolute confidence.

ST. JAMES' BALM

MEDICO-BIOLOGICAL LABORATORIES LTD.

LONDON, S.E.25

Sole Distributors for the U.K.:

ARCHER LABORATORIES LTD., CARGREEN ROAD, LONDON, S.E.25





Blackcurrant Drink THE

BLACKCURRANT DRINK IN THE

EYECATCHING

NEW PACK

PROCESSED BY

Made from the finest blackcurrants made from the finest blackcurrants and pure cane sugar, 'Niagara'—rich in Vitamin C—is the ideal health drink for both young and old. Make sure you have ample supplies, because 'Niagara' has 'year round' appeal. Display material available.

ORDER FROM YOUR WHOLESALER NOW!



BARNETT & FOSTER LTD

NIAGARA

ACKCURRAN

DRINK

Tel: CLIssold 7132 Queensbridge Road, London, E.8.

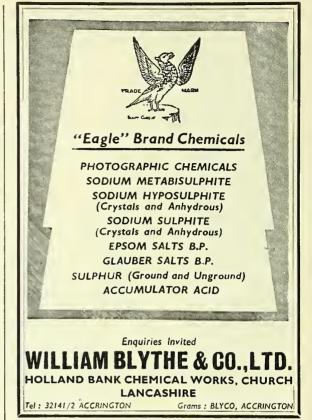
Head Office and Accaunts: Niagara Works, Eagle Wharf Raad, Landan, N.1

Do not disappoint your customers

-stock and display

Powders and tablets for the safe and speedy relief of headaches, colds, chills, rheumatic and nerve pains.

EX ALL LEADING WHOLESALE HOUSES



THE IMPROVED DRY-PAYNE



ELECTRICAL DEMISTER

with the new

PAT. No. 728200 & PAT. PEND

PATENT HEAT REFLECTOR

MORE EFFICIENT THAN EVER Keep your windows clear of mist in all weathers. WILL NOT SAG between supports. Also Pegboard Fittings, Turntable and all other

Write for details ;-

WHITMARLEY LTD., KNUTSFORD ST., BIRMINGHAM, 12

Display Equipment

HARDWOOD APPLICATORS

100 boxes and over 3/2 per box, 50 to 99 boxes 3/6 per box under 50 boxes 4/- per box, Standard pack, 6 gross to a box IMMEDIATE DELIVERY FROM LONDON STOCKS

TONGUE DEPRESSORS

LOWEST PRICES SINCE THE WAR Size 6 in, × ½ in, × 2 mm, thick, Prime Hardwood perfectly finished Boxed 100's Minimum order 10,000 Wholesale Houses only supplied

ASHWOOD TIMBER INDUSTRIES LTD.

Specialist in Veneer and Plywood Products for all Trades
IBEX HOUSE · MINORIES · LONDON, E.C.3 Cables: ASHTIM, LÓNDON Tel.: ROYal 2494

Heard about

DENTINOX?

the new soothing rub for teething babies



Dentinox is an entirely new teething preparation. It quickly and safely relieves teething pains and inflammation. Parents everywhere will welcome Dentinox and powerful national advertising will see that they come to you for it—regularly! Advertising starts in April so now's the time to get ready for the demand—take advantage of the introductory bonus offer and get Dentinox in this telling, selling counter display from the word go. Remember over 750,000 new babies are born every year—proof that the potential for Dentinox is colossal!



INTRODUCTORY BONUS 12 FOR THE PRICE OF 11

Retail price £1.19.1 plus Purchase Tax Cost £1. 3.7 plus Purchase Tax

Profit

15.6 per dozen

You make 1/3½d. profit on each bottle

Normal terms: Retail Price 3/9 a bottle

List Price 25/9 per dozen + P.T.

ORDER NOW-OFFER CLOSES MAR. 31 ST

* Sole Distributors

DENDRON DISTRIBUTORS LTD., 94 RICKMANSWORTH ROAD, WATFORD, HERTS. Telephone WATFORD 29251

Edible Bone Phosphate

Full particulars, samples and prices from Calfos Ltd.

Imperial House, Kingsway, London, W. C. 2 Telephone: Temple Bar 3629

Stock up with . . .



SYNFOAM SUPER SPONGE

HONEYCOMB · ALL PURPOSE FULLY SYNTHETIC

STANDARD SIZE Retail Price 2/10 LARGE SIZE Retail Price 3/9 GIANT SIZE Retail Price 6/-USUAL DISCOUNTS

Each Sponge in a 3-coloured transparent sleeve. Each doz. in 4-coloured show carton. 12 doz. in cardboard box. Obtainable from YOUR USUAL WHOLESALER or contact:—

FLETCHER & FARLOW LTD.

Finsbury Court, Finsbury Pavement,
London, E.C.2 Tel: MONarch 6810

"SYNFOAM SUPER"

SELLS ON SIGHT!



For instant relief from Muscular Rheumatism, Fibrositis, Lumbago and Sciatica



soothes away pain like an infra-red lamp



On every dozen you sell you make a profit of at least 11/10d—substantially more when other Sanitas Group lines are included on your order to qualify for:—

ADDITIONAL PARCEL DISCOUNT TERMS

ORDER VALUE	DISCOUNT
£ 10. 0. 0.	5%
£ 17.10. 0.	$7\frac{1}{2}\%$
£ 40. 0. 0.	$12\frac{1}{2}\%$
£110. 0. 0.	$17\frac{1}{2}\%$
£250. 0. 0.	20%

Terms strictly monthly nett

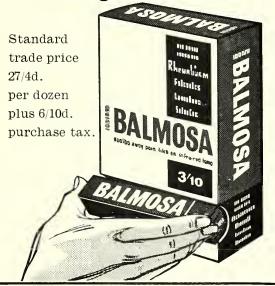
Manufactured by

OPPENHEIMER SON & CO. LTD., Handforth Laboratories, Clapham Road, London, S.W.9

MEMBER OF THE SANITAS GROUP

DISPENSER DISPENSER

Containing 1 dozen cartons





Combs sell and sell from these gay new Barnet cabinets



With such smart new merchandisers doing the selling for you, you can always add an "impulse" comb sale to other buys at over-average profit, even more profit each time you top up with Barnet refills. Easy. And remember, combs sell all the year round.

There's eleven elegant Barnet cabinets to choose from to suit you best.

Get your 1961 cabinets with BONUS by ordering from your wholesaler now.







3 FREE with small cabinets ordered before Feb. 15th, 1961

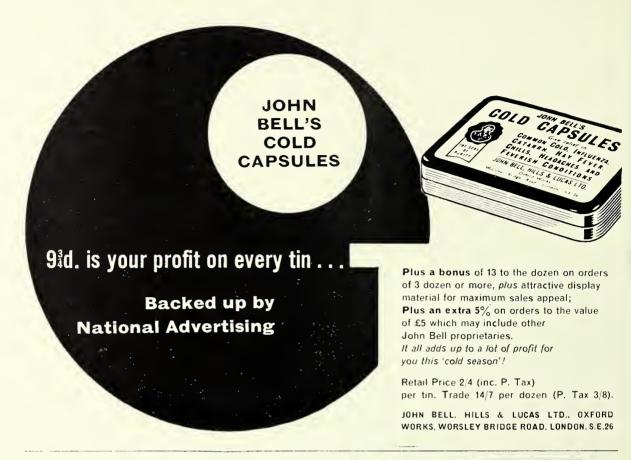


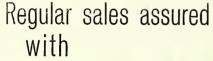
A little bit of counter sells a lot of

BARNET COMBS



E. R. HOLLOWAY SALES LIMITED (Wholesale only) Bessemer Road, Welwyn Garden City. Phone: Welwyn Garden 4444





Shadeine
the
HOME TINT
for GREY hair



Still the best home tint for grey hair. All natural shades. Safe and harmless. Trade Prices—I oz. 29/6 per dozen. 2 oz. 39/3 per dozen. P. Tax 50%. Retail 4/6 and 6/- per bottle respectively.

ALSO GOLDEN SHADEINE

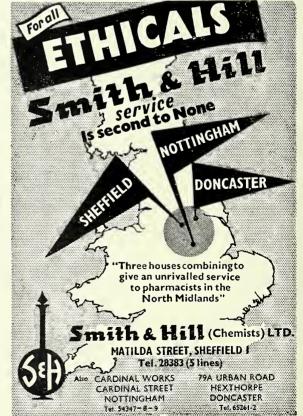
For brightening mousey hair. Trade Price—2 oz. size 29/6 per dozen. P. Tax 50%. Retail 4/6 per bottle.

THE SHADEINE COMPANY LTD. 49 CHURCHFIELD RD., ACTON, LONDON, W.3

Over SIXTY YEARS Reputation

Shadeine





THIS IS THE SALES-WINNING WAY TO LOOK

HERE'S a wonderful service for those employed behind the Chemist's counter. Hygiene is vital in this all-important work. Here's how to stay immaculate at all times yet benefit from three-way savings as well.

NO REPLACEMENT COSTS

For a modest weekly outlay our rental service provides two Bri-Nylon overalls of superb fabric and high-fashion styling for each member of the staff. In a choice of many styles and colours for men and woman in shops and offices. Every week one overall is collected, repaired when necessary, laundered and returned in sparkling condition.



The following Companies are operating this wonderful, trouble-free service, why not join the other happy users and write to your nearest Company for further particulars

London, Hounslow Cleaners Ltd., Isleworth, Seal Drycleaners & Launderers, Palmers Green, N.13. Standard Laundry, Woolwich, S.E.18. • Accrington, Borough Laundry • Barnsley, Electric Laundry • Barnsley, Electric Laundry • Barnsley, Electric Laundry • Belfast, Devonshire Debonair Laundry • Chester, Chester City Laundry • Coventry, London Laundry Ltd. • Exeter, Exeter Laundries Ltd. • Hull. Bentleys Snowflake Laundry Ltd. • Illey, Lakeland Laundries Ltd. • Lancaster, Lakeland Laundries Ltd.

Mansfield, Imperial Cleaners Ltd. Plymouth, Millbay Laundry Ltd. Sunderland, County Luxdon Laundry Ltd. Skegness, Fenland Laundry Ltd. Shrewsbury Lilywhite Laundry Ltd. Uttoxeter, Imperial & Queen Laundries Worcester, Quality Cleaners Ltd. Aberdeen, Claremont Laundry Dundee, Stevenson Bros. (Dundee) Ltd. Cupar, Fishers Laundry Edinburgh, Craigmillar Laundry Ltd. Glasgow, Castlebank Laundry Ltd. Perth. Fishers, Aberfeldy,

Many of the above Companies operate the service in other areas and arrangements are being made with additional laundries to handle this scheme. If your district is not covered please write to us for further details.

NYLON RENTALS LTD

DALLAS ROAD · LANCASTER

INTRODUCING

NUCTA Bonnie SHAMPOO



The new formula liquid cream shampoo, packed for individual use in an entirely new type of plastic container—an upstanding tubette gaily coloured with a tartan motif and representing a definite step forward as regards both pack and product.

CREAMY AND FRAGRANT SUITABLE FOR ALL TYPES OF HAIR RETAIL PRICE 9d

The formula for NUCTA BONNIE SHAMPOO is balanced to give a rich creamy lather and emolliency, with no trace of harsh after-effects. It contains special ingredients to ensure extra cleansing and tonic action on the scalp resulting in added beauty for the hair. No other shampoo leaves hair so soft, lustrous and sparkling.

The tubettes of NUCTA BONNIE SHAMPOO are so attractive that when displayed on the counter, customers cannot resist reaching for them in admiration—and at 9d. per tubette, it's a sure sale every time. Packed in cartons of 3 dozen. Trade price 5/2 per dozen (plus P. Tax).

AVAILABLE FROM YOUR USUAL WHOLESALER OR DIRECT FROM THE MANUFACTURERS OF NUCTA PRODUCTS

STEWART, GOODALL & DUNLOP LTD., 121a PRINCES STREET, EDINBURGH, SCOTLAND



LONDON, E.C.3

Keep your



TABLET CARTONS

tidy

SIZES 2, 3, 4, 5 now supplied in RIGID BOXES containing 1000 cartons

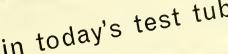
by

SUTTLEY & SILVERLOCK

ANDOVER, HANTS



In the research laboratories of industry, chemists continue the search for new formulæ and new compounds to resolve their manufacturing problems.





In various fields, and in liaison with industry, the Research Division of The Washington Chemical Company Ltd. is making significant advances in the production of new grades of magnesium chemicals for particular applications.

By drawing on the Company's century of experience, chemists are able to specify special grades of Pattinson's (Regd. Brand) magnesium carbonates and oxides—confident that all deliveries will maintain the same high standards of quality. From the laboratory through to production, Washington chemicals may be depended upon for absolute consistency.

THE WASHINGTON CHEMICAL CO. LTD.

member of the TURNER & NEWALL ORGANISATION WASHINGTON, COUNTY DURHAM, ENGLAND

Telephone: Washington 3333

Telegrams: Chemical, Washington Station, County Durham

LONDON: Empire House, St. Martin's le Grand, London, E.C.1 MANCHESTER: 220/222 Corn Exchange Buildings, Cathedral Street, Manchester, 4.

Agents throughout the world

Telephone: MONarch 6898 Telephone: BLAckfrairs 4401 Telephone: CENtral 6565

Address Box Number Replies to : THE CHEMIST AND DRUGGIST, 28 ESSEX ST., STRAND, LONDON W.C.1

Specially spaced Advertisements, including:—Public and Legal Notices. Sale by Auction, Appointments, Contract Work, Patents, Partner-ships, 20/- per 1 inch minimum and pro rata. Box 2/-. Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents. Wanted, Agencies Wanted, Miscellaneous, 20/- for 36 words minimum; then 6d. per word, Box 2/-. Situations Vacant, 15/- for 36 words minimum, then 6d. per word, Box 2/-. Situations Vacant, 15/- for 36 words minimum, then 6d. per word, Box 1/-. Specially displayed advertisements with rule all round, 50/- per inch minimum.

ORRIDGE & COMPANY

184 STRAND. Tel: TEMple Bar 9212/3 & 6340

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BUSINESSES FOR SALE

AN ESTABLISHED wholesale chemist sundries business for sale owing to illness. Would suit a young energetic young man already known to the trade. Apply Box C 3391.

NOTTINGHAM family business in good residential area, living accommodation, lease, for sale owing to death of owner. Stock and fix-tures at valuation only. Seller would accept part-payment and balance by mutual agreepart-payment and ment. Box C 3393.

APPOINTMENTS

BIRMINGHAM & MIDLAND

EYE HOSPITAL,
BIRMINGHAM, 3
Senior Pharmacist
required. Engaged almost exclusively on preparation of sterile solutions in small but well-equipped department. Whitley Council salary and conditions, Previous experience in preparation of sterile products desirable. Applications, naming two referees, to Hospital Secretary.

C 6221 C 6221

BRADFORD INSTITUTE OF

BRADFORD INSTITUTE OF TECHNOLOGY
Chief Technician

Applications are invited for the post of Chief Technician in the Departments of Biological Sciences and Pharmacy.

Applicants should possess a Higher National Certificate, a Final City and Guilds Laboratory Technician's Certificate or an equivalent qualification and have experience of technical work. Salary scale £815 to £960 per annum. Further particulars and forms of application may be obtained from the Registrar, Bradford Institute of Technology, Bradford, 7.

HENRY PATTEN,
Clerk to the Governors.

C 6240

C 6240

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

MANAGEMENT COMMITTEE
Senior Pharmaeist
for Bethnal Green Hospital, Modern department approved for training students, Salary
scale £770—£1,010 p.a. plus higher qualification allowance and London Weighting, Please
apply with details of age, training and experience to the Group Secretary, 213 Kingsland Road, London, E.2. C 553

DULWICH HOSPITAL EAST DULWICH GROVE, S.E.22

required March 13th to 18th and/or March 27th to April 22nd, Apply Chief Pharmacist, Dulwich Hospital, East Dulwich Grove, S.E.22. C 6227

HEATHERWOOD HOSPITAL, ASCOT Pharmacist

required for modern well-equipped Department. Applications with full details and names of two referees to Secretary. C 6232 referees to Secretary.

HERTFORD COUNTY HOSPITAL, HERTFORD, HERTS (21 miles from London)

Pharmacist.

Applications are invited for the above post.
Salary and Conditions of service according to Whitley Council. Duties under direction of Chief Pharmacist. Prospects of promotion to Senior Grade. Department responsible for purchase and issue of drugs, dressings, surgical instruments and equipment for above and two other smaller hospitals. Applications giving details of age, qualifications and experience with names of two referees to Hospital Secretary, Hertford County Hospital, Hertford,

HIGHBURY HOSPITAL

BULWELL, NOTTINGHAM

Pharmacist

Applications are invited for the appointment of a Pharmacist. Good opportunity to obtain experience in general pharmaceutical work. Salary £690 rising to £920. Apply Hospital Secretary, Highbury Hospital, Bulwell, Nottingham.

HOSPITALS FOR DISEASES OF THE CHEST

Applications are invited for the above post at THE LONDON CHEST HOSPITAL. Salary in accordance with the Whitley Council scales. Applications, stating age, qualifications and experience, accompanied by two testimonials, to the House Governor, London Chest Hospital. E.2. C 6220

KING EDWARD VII HOSPITAL. WINDSOR

Seninr Pharmaeist
Applications are invited for the post of Senior Pharmaeist. Salary £770—£1,010. Applications stating age, qualifications and experience to Secretary, King Edward VII Hospital, Windsor.

LEWISHAM HOSPITAL,

LEWISHAM HOSPITAL,
LONDON, S.E.13
Assistant-in-Dispensing
in Pharmaceutical Department, Salary within
Whitley scale (f395 at age 22 rising to £535
p.a.), plus London Weighting and £50 p.a.
for possession of the Certificate of the Society
of Apothecaries, or other recognised qualification.

tion.

Applications, stating age, qualifications and experience, with names of two referees, to the Chief Pharmacist, Lewisham Hospital, Lewisham High Street, S.E.13.

C 6251

NEASDEN HOSPITAL,

BRENTFIELD ROAD, N.W.10
Pharmacist (Basic Grade)
required. Apply to Physician Superintendent.

SOUTH-WEST DURHAM HOSPITAL MANAGEMENT

COMMITTEE

Chief Pharmaeist (Category II)
required at Holywood Hall Hospital, Wolsingham. Salary £895—£1,200 per annum plus £25
if holding higher qualification. Consideration
given to assistance with removal expenses. Free
transport available from Bishop Auckland to
hospital if required. Application forms from
Group Secretary, General Hospital, Bishop
Auckland. C 6237

ST. JOHN'S HOSPITAL, ST. JOHN'S HILL, S.W.11 Assistant-in-Dispensing Post offers good experience in a developing hosp'ial. Residence available. Apply Secretary, naming two referees, within 10 days. C 6250

ERNEST J. GEORGE & CO.

329 HIGH HOLBORN, LONDON W.C.1.

Telephone: HOLBORN 7406/7

Professional Valuers to the Pharmaceutical Trade. - Wholesale, Retail and Hospital Stocks. Branches throughout England and Scotland.

Appointments—Continued

OVERSEAS

CANADA

Male or Female Pharmacist

WANTED-Male or Female Pharma-WANTED—Mate or remain exist to act as Assistant Pharmacist in the dispensary of fully accredited modern, 365-hed, general hospital. Commencing salary \$335-00 per month. Apply:

pply:
Mr. R. A. Jones,
Personnel Officer,
St. Thomas-Elgin General Hospital,
St. Thomas, Ontario.

C 6215

PHARMACISTS REQUIRED IN H.M. PRISON SERVICE

(Open to Men and Women registered Pharmacists)

Man or Woman aged 25 or over required for a Senior Pharmacist at H.M. Prison, Wormwood Scrubs, London, W.12. Salary scale £770-£1,010. Plus London Weighting of between £20-£50.

Starting pay above minimum in some eases for previous N.H.S. or Government Department experience. Additional allowance of £25 for higher qualifications. Five day week. Post superannuable under N.H.S. superannuation scheme.

Apply Establishment Officer, Prison Commission, Horseferry House (JB 401), Dean Ryle Street, London, S.W.1.

C 6243

EDUCATIONAL

LONDON COLLEGE OF PHARMACY AND CHEMISTRY FOR WOMEN

7 Westbourne Park Road, W.2 Established 1892

The only College in S.E. England teaching exclusively for the Assistant-in-Dispensing Examination of the Society of Apothecaries. Enrolling now for six months' full-time course for Student Dispensers under 1956 Regulations. tions, 82 per cent, Examination successes in 1960, C 404

SITUATIONS VACANT RETAIL (HOME)

ASSISTANT PHARMACIST required for heavy dispensing business in North London (Finehley area). Please write initially and in confidence to Box C 562.

FINCHLEY (London N.), Unqualified assistant required for substantial business with heavy N.H.S. Dispensing experience an advantage but not essential. Good basic salary plus bonus. All replies treated in strict confidence. Box

KINGSBURY, N.W.9. Unqualified assistant required for cosmetic and general counter duties in family business. Box C 3399.

LONDON, S.W. Wanted, unqualified assistant for counter and assist in dispensary. Good-class locality. Good wages for right person with good reference. Box C 3384,

PHARMACIST

Relief Branch Manager

Relief Branch Manager
A Relief Branch Manager Pharmaeist
required for a permanent position with
the Society. Excellent conditions. Applications in writing stating full details of age, experience, salary required, to the Personnel Manager,
Co-operative, 110 Fratton Road,
Portsmouth.

RETAIL (OVERSEAS)

NORTHERN RHODESIA. Pharmacist required for retail. Passage paid out, good prospects. Reply air mail with full details to Mr. R. L. Jackson, P.O. Box 183, Ndola, N. Rhodesia.

WHOLESALE

LONDON manufacturers of ethical products have opening for representative to call on profession and trade, Position involves continuous travel on Continent and overseas after initial training, Knowledge of Spanish or Italian desirable, Box C 544.



The Wellcome Foundation Limited has the following vacancy at the Wellcome Chemical Works, Dartford:

PRODUCTION PHARMACIST

Applications are invited from pharmacists for a post in production. Duties will include supervision of women operatives working in production teams as well as assisting in the manufacture of pharmaceutical preparations. The work is varied and interesting and would afford an opportunity for a recently qualified pharmacist wishing to enter industry. Salary will be in accordance with qualifications and experience.

Applications for the above post should be made in writing to the Personnel Manager, The Wellcome Chemical Works, Dartford, Kent.

COPYWRITER

ETHICAL PHARMACEUTICALS

An interesting new appointment is being created in the marketing division being created in the marketing division of a progressive Ethical Pharmaceutical Company. The position calls for a copywriter with a good pharmaceutical and medical background, capable of writing good English and possessing a flair for preparing ethical sales literature of a high standard.

The successful applicant would also be required to keep in touch with modern therapeutic trends and be capable of extracting significant data of potential value to the sales and marketing division.

Applicants are invited to provide full details of past experience and submit specimens of previous work, if avail-

able.
All applications will be treated in strict confidence. Box C 6238

FOREMAN TABLET MAKER

required for general Pharmaceutical Manufacture. Knowledge of tabletting and coating essential. Candidates should be experienced in the control

should be experienced in the control of labour. The Company is situated some twenty miles north-west of London in the Green Belt and offers favourable conditions of employment. Some assistance may be given with housing. Commencing salary up to £1,000 per annum according to experience. Please apply in writing giving full details of previous career to:

Personnel Officer,

A Wander Limited,
Ovaltine Works, King's Langley, Herts.

C 6235

BUYER ETHICAL PHARMACEUTICALS. UNICIEM, LTD., have a vacancy for a buyer at their Walthamstow branch warehouse. Applicants must have a thorough knowledge of ethical pharmaceuticals and stock control, and they must be capable of supervising the staff of the buying department. Apply in writing giving details of age, experience and present salary to The Manager, Unichem, Ltd., Westbury Road, Walthamstow, E.17. C 6211

VITAMIN LIMITED, MANOR ROYAL, CRAWLEY, SUSSEX, require a development technician to carry out development work on pharmaceutical and food 'products. The successful applicant will be one with initiative, be adaptable and have an essentially practical view point. Experience in this field of work would be a considerable advantage, although for the right person not essential. Age 20-30. Housing may be available. Applications to Personnel Officer, Production. C 6239

ORDER CLERKS required by The British Drug Houses, Ltd., for order and pricing work. Preference will be given to applicants with experience in the retail or wholesale chemists' trade. Five-day week, canteen, sports club, pension and profit-sharing schemes. Apply in writing stating age, experience and salary required to the Office Staff Manager, Graham Street, City Road, N.1. C 6249

PHARMACIST required for expanding firm of wholesale chemists, basically responsible for supervision of ethical stocks. Permanent position, 5]-day week, Salary by arrangement. Box

REPRESENTATIVE, preferably qualified, is required to fill a vacancy due to an impending retirement in North-east Lancashire, A sound knowledge of the selling associated with manufacturing wholesale pharmacy is required, and previous experience of calling on chemeists is essential. Car and usual expenses provided. Applications in confidence stating age, past experience and salary required should be addressed to the Managing Director, James Woolley Sons & Co., Ltd., Victoria Bridge, Manchester, 3. C 6247

PARKE-DAVIS

are seeking

YOUNG PHARMACISTS

to be appointed after training as

REPRESENTATIVES

in the following areas:-

THE POTTERIES · S.E. LONDON DURHAM

Salary will be based on age and experience. Subsequent adjustments will recognise initiative and ability. Company car provided. Generous pension and life assurance plan in operation. This is a first-class opportunity to make a successful career with a leading pharmaceutical organisation.

Apply in writing in first instance as follows:-

THE POTTERIES:- Mr. C. E. MILLS, Area Manager, 35 Half Moon Crescent, Oadby, Leicestershire.

S.E. LONDON:- Mr. R. K. NEWMAN, Area Manager, 'Merrydale', London Road, West Malling, Nr. Maidstone, Kent.

DURHAM:- Mr. H. Cloney, Area Manager, 98 St. George's Terrace, Jesmond, Newcastle-on-Tyne 2.

LEO LABORATORIES (ENGLAND) LIMITED

require additional

Medical Representatives

for the following areas

- (1) North East Seotland (preferably based on Dundee).
- (2) Northumberland and Durham.
- (3) Counties of Stafford, Woreester and Shrop-shire.
- (4) Counties of Leicester, Warwiek and Northampton.
- (5) West Country (preferably based on Bristol).
- (6) South Wales (preferably based on Cardiff).

Preference will be given to men with an appropriate medical or pharmaceutical background and aged between 25-40.

This opportunity should appeal to those anxious to take advantage of the prospects presented by a young, vigorous and progressive organisation. A good salary will be offered, all expenses paid and a car provided. Successful candidates will be required to commence a training course in April. Applications, in writing, together with a recent photograph, should be addressed, in confidence, to The Managing Director, Leo Laboratories (England) Limited, 223 Kensington High Street, London,

C 335

F B A PHARMACEUTICALS LIMITED

MEDICAL REPRESENTATIVES

This British Subsidiary of Farbenfabriken Bayer AG., Leverkusen, Germany, require the services of experienced Medical Representatives in:

Tyneside Glasgow Liverpool Birminghani Northern Ireland Yorkshire

Applications are invited from persons under 45 years who possess a pharmaceutical qualification or similar background and who are keen to establish a career in a growing organisation. Experience of the industry is desirable and a high standard of personal initiative and integrity is essential.

A good starting salary with a generous expense allowance is offered and a company car is provided. A staff pension fund is in operation.

Applications should be addressed in confidence to:

The Manager, Medical Service Division, F B A Pharmaceuticals Ltd.,

37/41, Bedford Row, London, W.C.1 and should provide brief details of experience and career to date.

C 6225

SENIOR Lewis & Burrows Ltd. are appointing BRANCH MANAGERS

LEWIS & BURROWS LIMITED, the multiple retail chemists, have embarked upon a considerable programme of modernisation of their existing Branches, and are opening new and large stores. The company is at present considering the the appointment of Senior Branch Managers who will be given the management of some of the Company's larger Branches. THE BASIC SALARY IS £1,400 PER ANNUM. AN INCENTIVE SCHEME IS ALSO IN FORCE which allows Managers to participate on the basis of results achieved in their Branches. The Company operates a Non-Contributory Pension Scheme. CANDIDATES SHOULD HAVE HAD CONSIDERABI E EXPERIENCE IN THE MANAGEMENT OF PHARMACIES OF REASONABLE SIZE.

Write to the Personnel Manager, Lewis & Burrows Ltd., 197-215 Lyham Road, London, S.W.2.

C 3389

Situations Vacant—Continued

SALES REPRESENTATIVE required to call on toilet retailers in Sussex and South Surrey by leading company. Products lead their field and are nationally advertised. Remuneration is by salary and commission with all expenses paid. A company car is provided. The position is superannuated. Write, giving details of age, education, experience and salary to Box C 3392.

STOCKTAKER (resident in London area) with some retail or wholesale experience (not necessarily in stocktaking itself) required by well-known firm of professional valuers; good basic salary which will be supplemented by a bonus. The position also offers excellent prospects in return for efficient service. Please write, initially, under guaranteed assurance of confidence, with brief details of career to date and stating present salary to Box C 561.

TABLET MAKER required by Manchester firm of manufacturing chemists, Apply giving details of experience to Technical Director. Box C 3374.

AGENTS WANTED

FIRST-CLASS AGENTS with sound retail connections required for Midlands, Yorkshire and Wales to sell the popular "Margo's" range of toiletries, Generous commission terms and possibilities. Apply, Margo's Products, Margo House, Hemp Row, London, S.E.17. C 3397

SITUATIONS WANTED RETAIL (HOME)

DISPENSER, female, experienced, desires congenial post in Hounslow, Ealing or Jsleworth area. £13—£14 weekly. Box C 3400.

WHOLESALE

YORKSHIRE AREA. Experienced, energetic representative with large first-class connection open to offer from nationally known company. Own car. Box C 3396.

AGENCIES WANTED

DISTRIBUTORS in the Federation of Rhodesia and Nyasaland with well established entries to all chemists, wholesale chemists, hairdressers, require further franchise carrying stocks for distribution. Shippers' references available. Write Box 3317, Frost-Smith Advg., 64 Finsbury Pavement, London, E.C.2. C 6236 IMPORTANT Australian concern has representative available London wishing contact manufacturers requiring sole agencies, South Australia. Apply, Sharland & Co. (London), Ltd., Eldon Street House, E.C.2. C 6241

WANTED

ALL KINDS OF BOTTLES, JARS, SCREW CAPS, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair prices for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks. Discontinued lines, Surplus and Redundant Stocks, Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 75 Fairfax Road, Swiss Cottage, London, N.W.6, Tel.: Kilburn 0581 and 0038.

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C 495

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(Dept. D.), SPEARS Watting Street, Shudehill, Manchester

Phone: Blackfriars 9432 (5 lines)
Bankers: Midland Bank, Ltd.

C 438

URGENTLY required for eash, chemists' surplus stocks, bulk or part, particularly toilets, cosmetics, sundries, discontinued manufacturers' lines welcomed. Films, photographic equipment, sunglasses, binoculars, electric razors, Christmas coffrets and fancy goods, etc. Write immediately to Reginald Loftus, 263 Portswood Road, Southampton, Tel.; 54757. C 521

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6,7 Wellington Close, Ledbury Road, London, W.11. Tel.; Bayswater 4020 and 7692.

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LOCH LOMOND. Private island, 4 modern 4-berth caravans. Sailing, water ski-ing, fishing, pony. golf. Hewitt, Inchfad, By Drymen, Stirlingshire. C 6147



FARMALTA,

a progressive commercial company of pharmaceutical chemists, seeks solc representative agency rights of manufacturers of ethical pharmaceutical products and toilet preparations and allied trades.

146 St. Lucia Street, Valetta, MALTA.

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POTTERS BAR URBAN DISTRICT COUNCIL

OAKMERE HOUSING ESTATE, FORBES AVENUE

Shops and Flats
The Potters Bar Urban District Coun-

The Potters Bar Urban District Council invite Tenders for a Lease for a term of Twenty-one years, with breaks at seven and fourteen at the Tenant's option, of each of four shops with flat over, which are being erected by them on their Oakmere Housing Estate at Forbes Avenue.

A garage adjoining will be available if required on a separate tenancy at a rent to be fixed by the Council. Forms of Tender and other particulars may be obtained on application to W. A. Stevens, Clerk of the Council, Council Offices, Darkes Lane, Potters Bar, Middlesex. C 6252

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BABY PANTS, 8/9 per Doz. White Satin-finished Plastic,

Large Size. Forward Pointing Legs. Rose Scented. Lanolin Impregnated. Elastic or Taped Legs. Samples on request.

Special Quotations for Quantities,

A. & H. Heyman, 27 Grange Road, Darlington. Tel.: Darlington 3186



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CEN 6565

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SHOP FITTING. Chemist's mahogany wall fix-ture, 19 ft, long, 8 ft. 9 in, high in 6 sections. Centre section glass backed with 20 drawers below. Price £60. W. F. King, 24 Godstone Road. Purley. C 3395

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B. NORMAN & SON, 2/5 Little Britain (close to G.P.O.), London, E.C.1, will sell by Auction, Wednesday, February 15, at 1.30 p.m., well-made and practically new light oak and other SHOP FITTINGS, including Drug Runs, Wall Showcases, Plate-glass Counters, Glass Screens, Tallboys, Mirrors, Cash Desks and Tills, Office Furniture, Safes, Typewriters, Weighing Machines, Display Counter for Cosmetics, etc., Nest of Drawers, etc. View Day Prior, Catalogues on application. Tel.: Mon. 8501-2. C 6245

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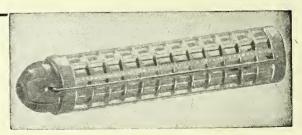
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